

FIG. 3

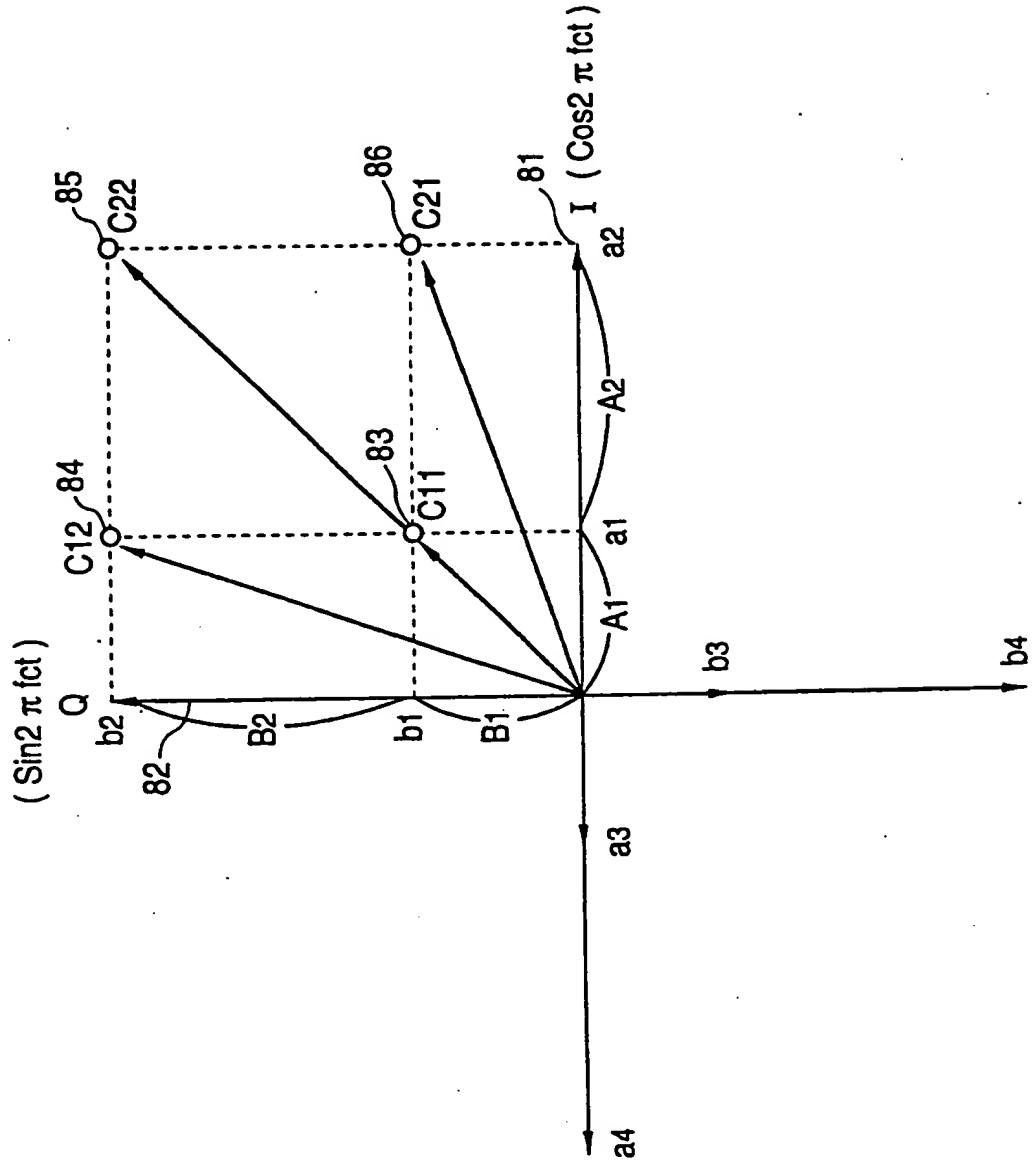


FIG. 4

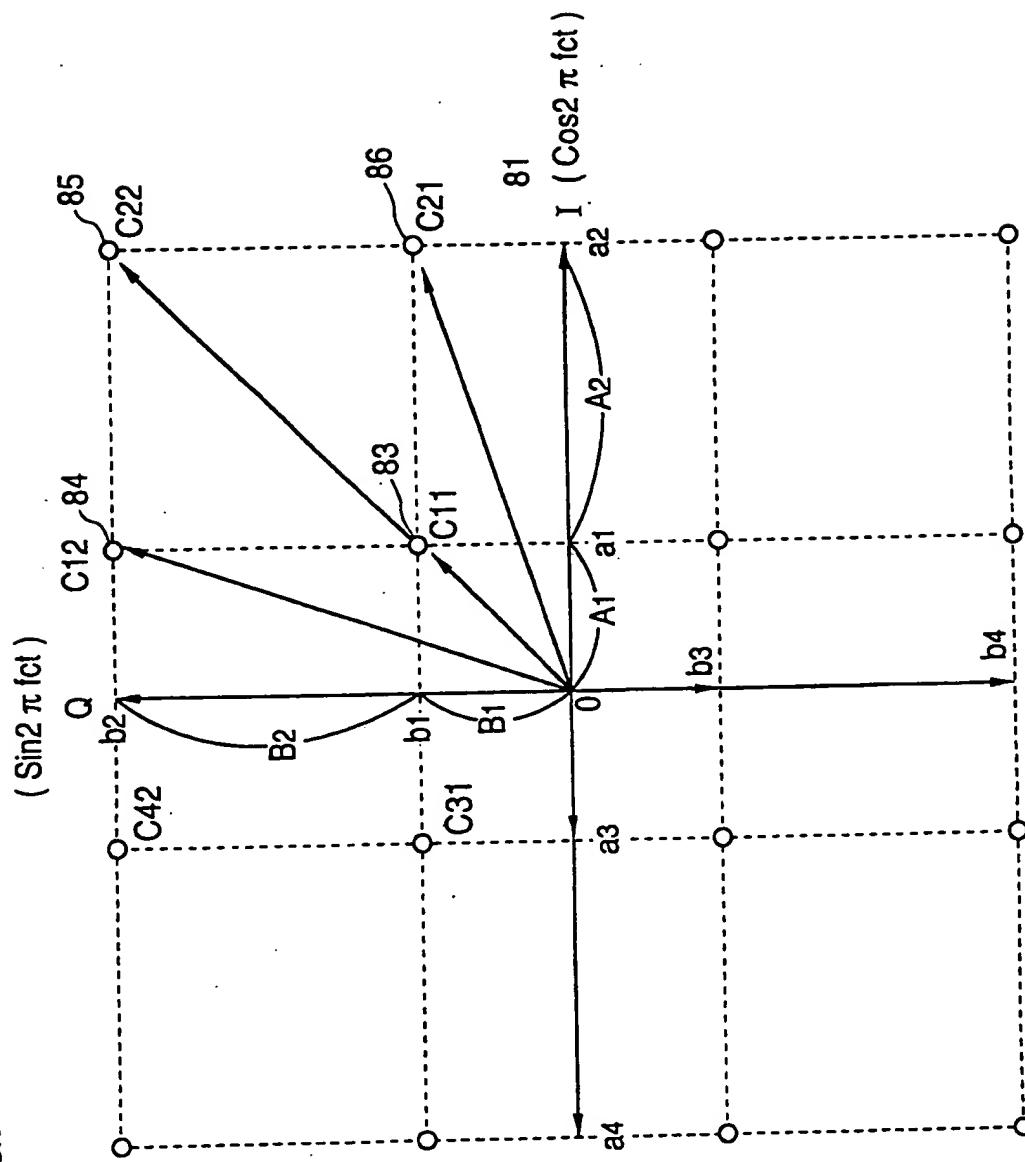


FIG. 5

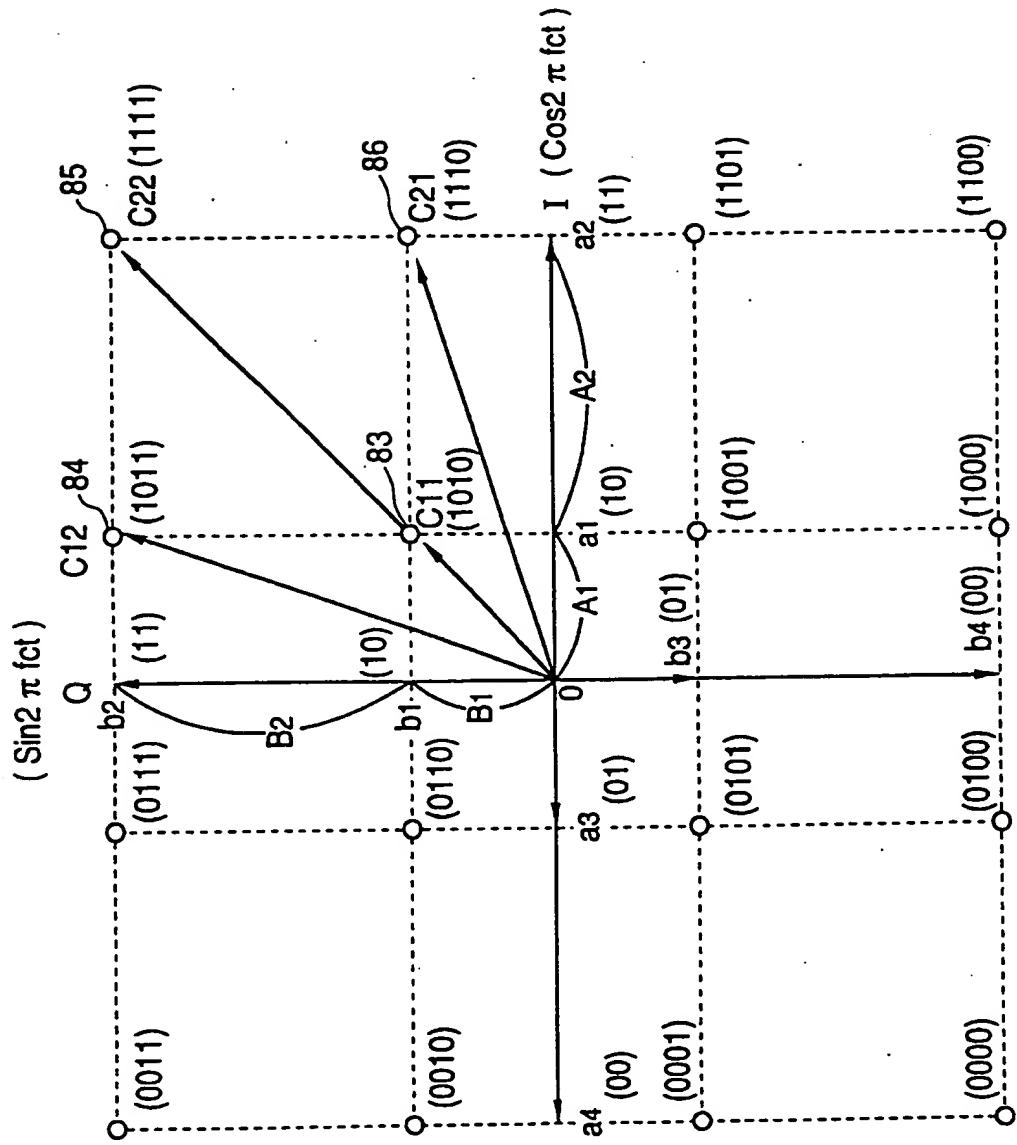


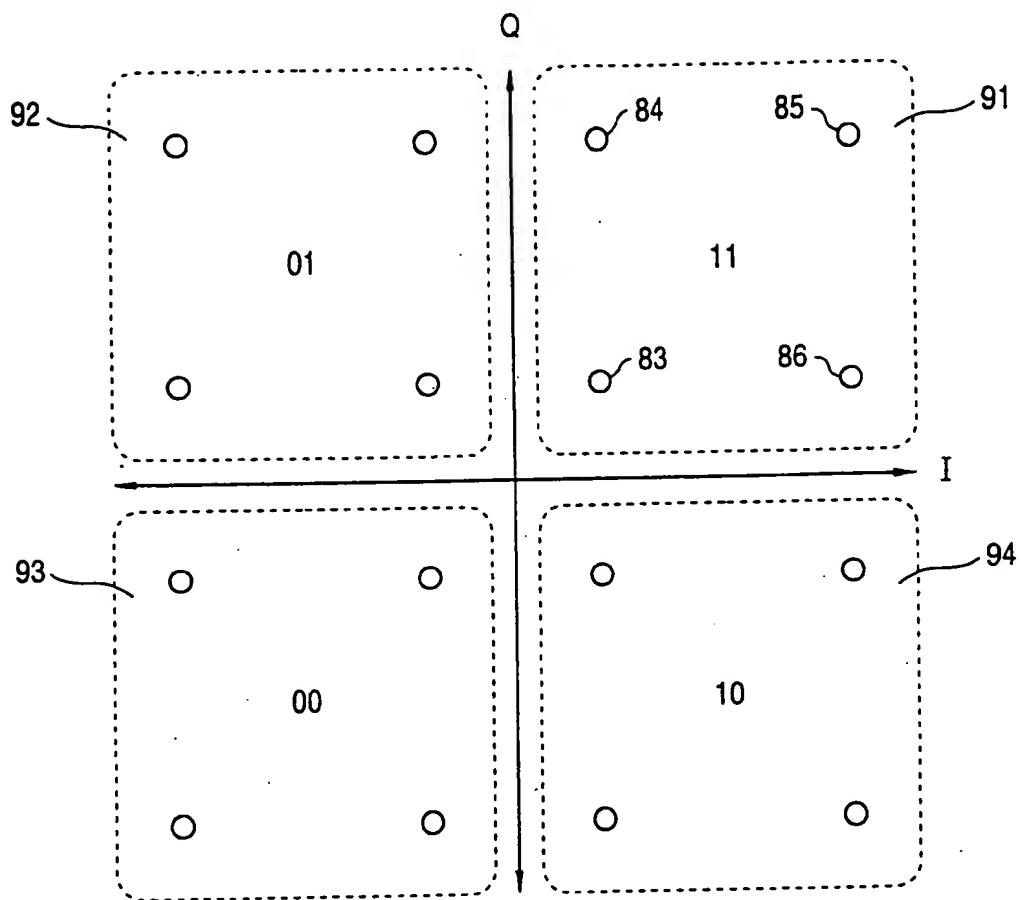
FIG. 6

FIG. 7

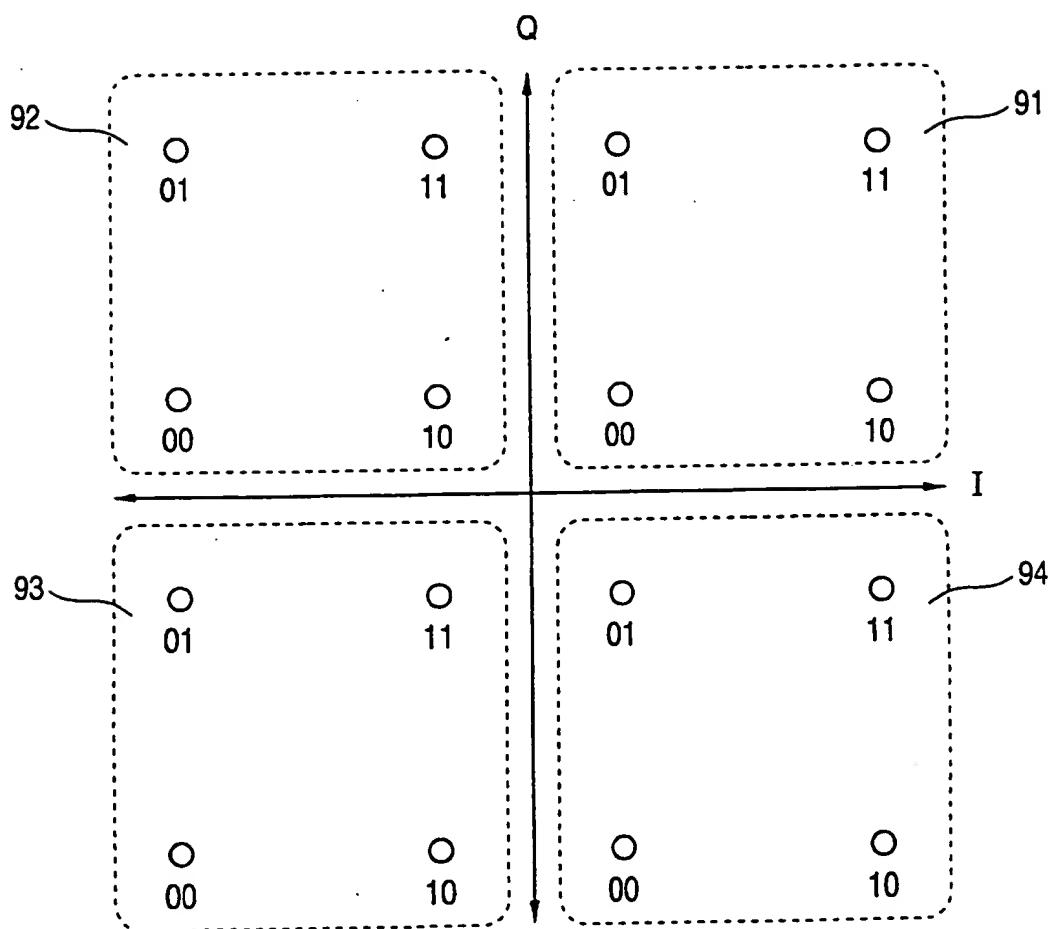


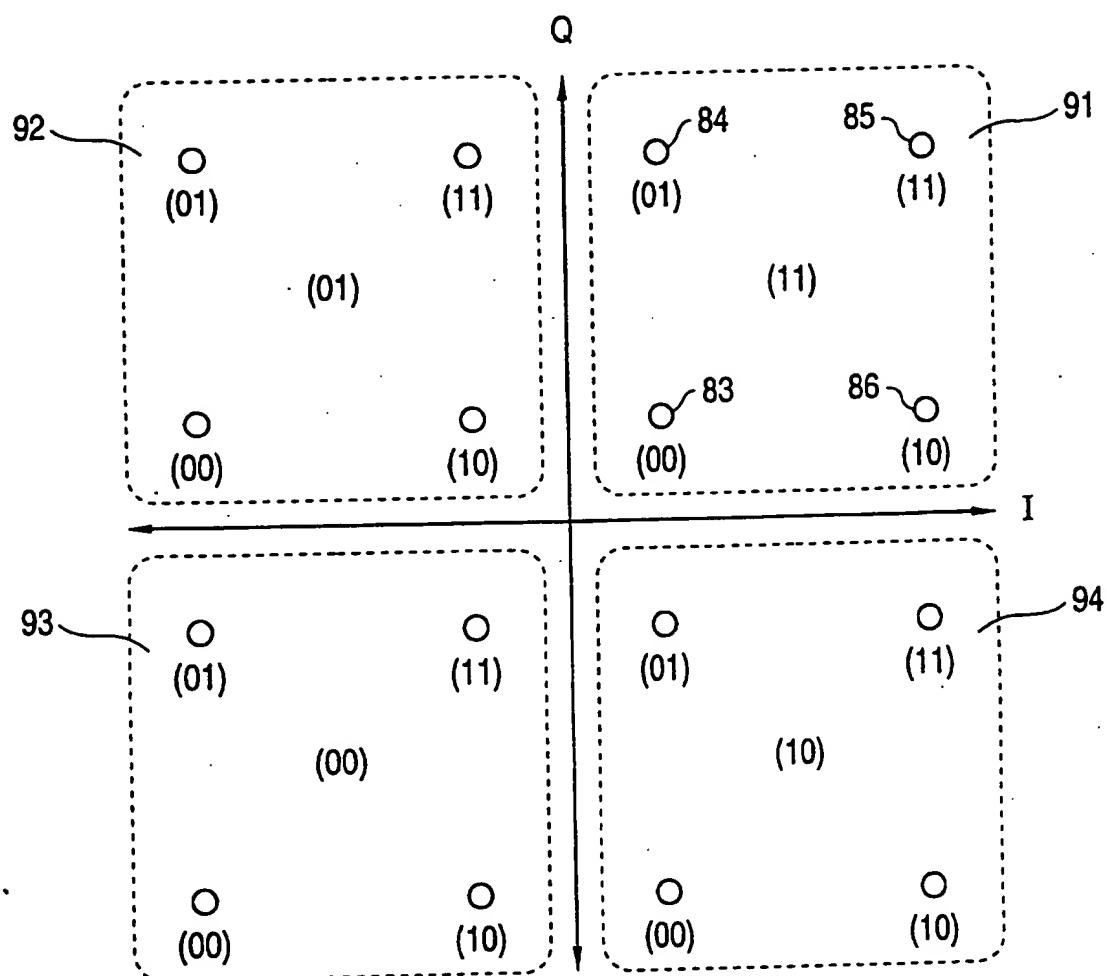
FIG. 8

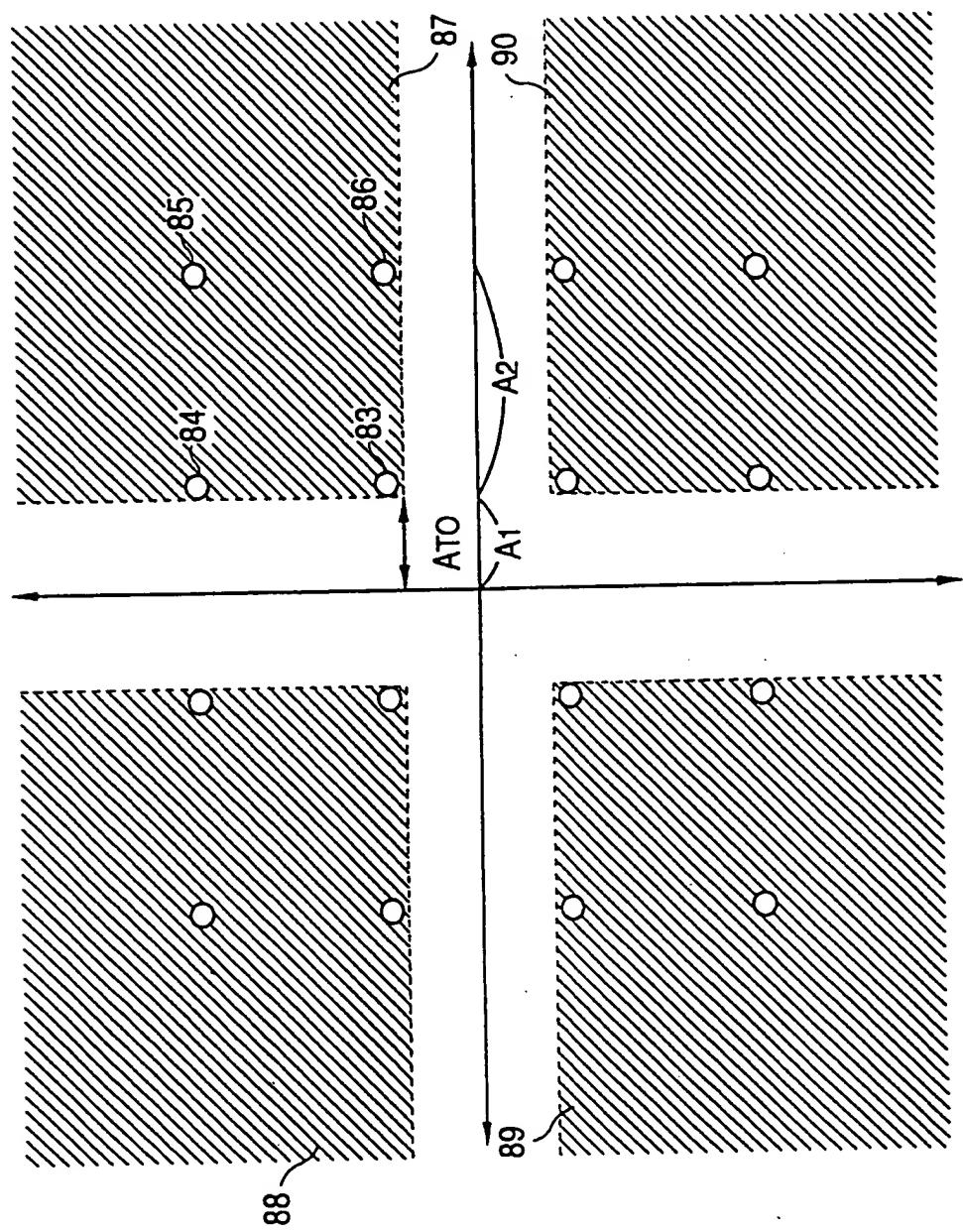
FIG. 9

FIG. 10

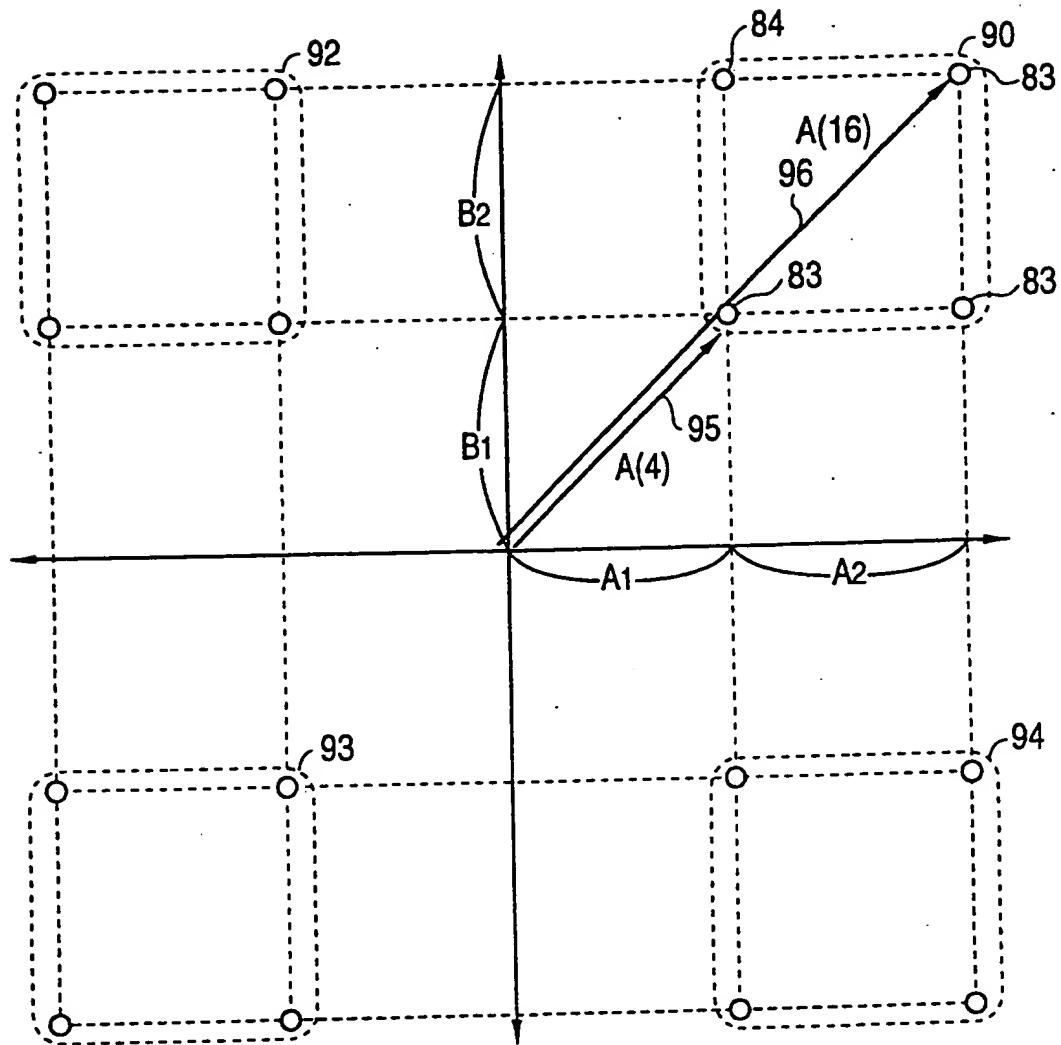


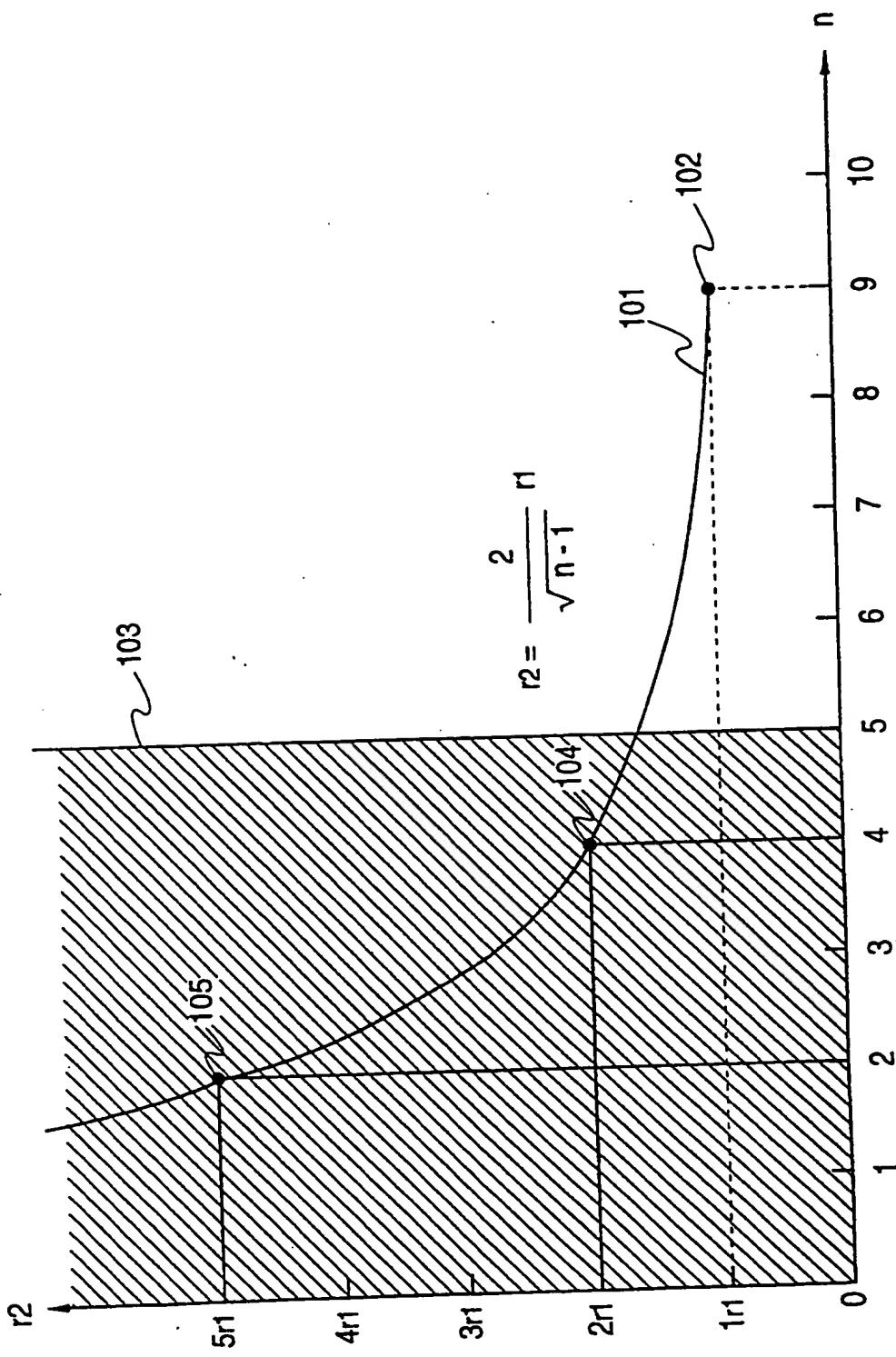
FIG. 11

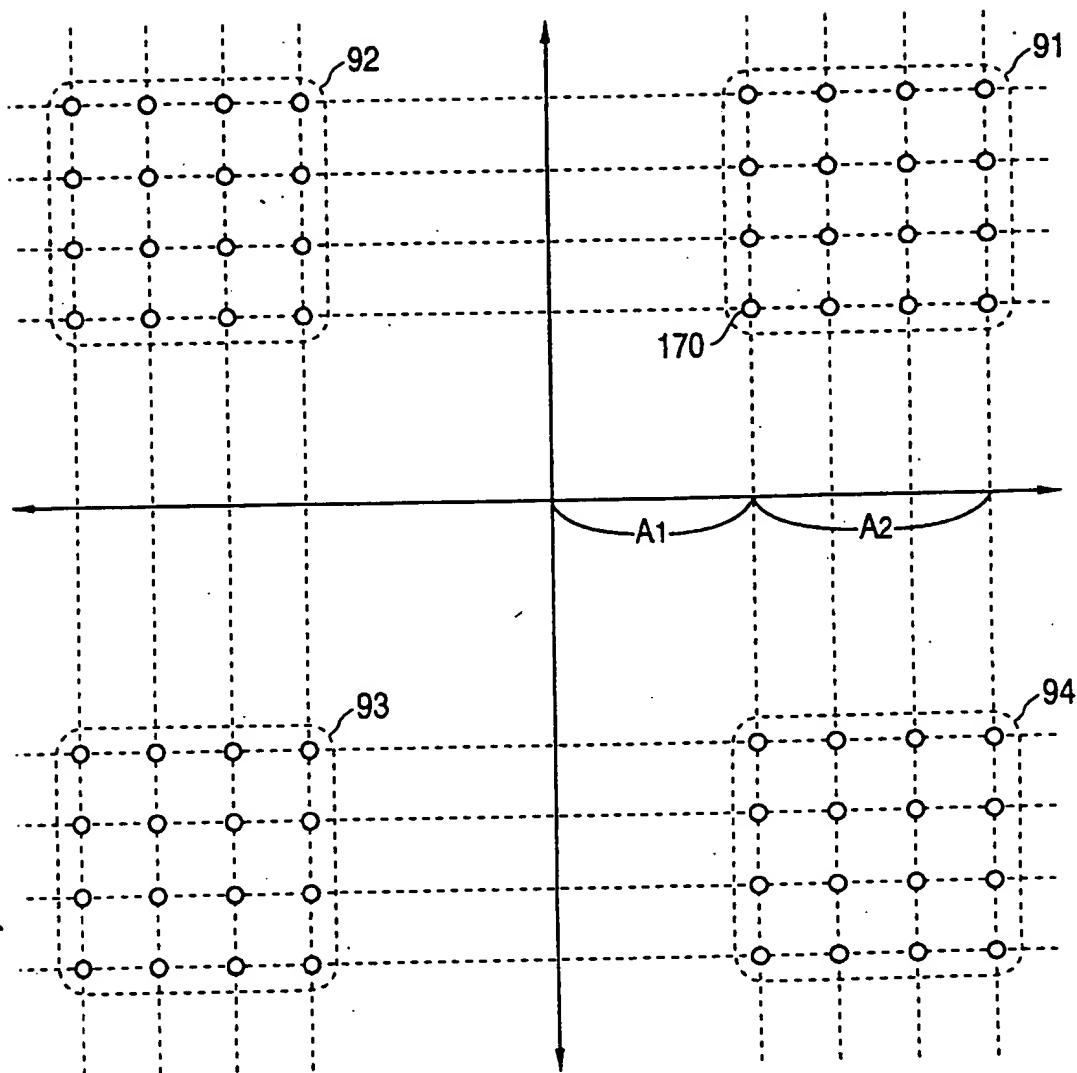
FIG. 12

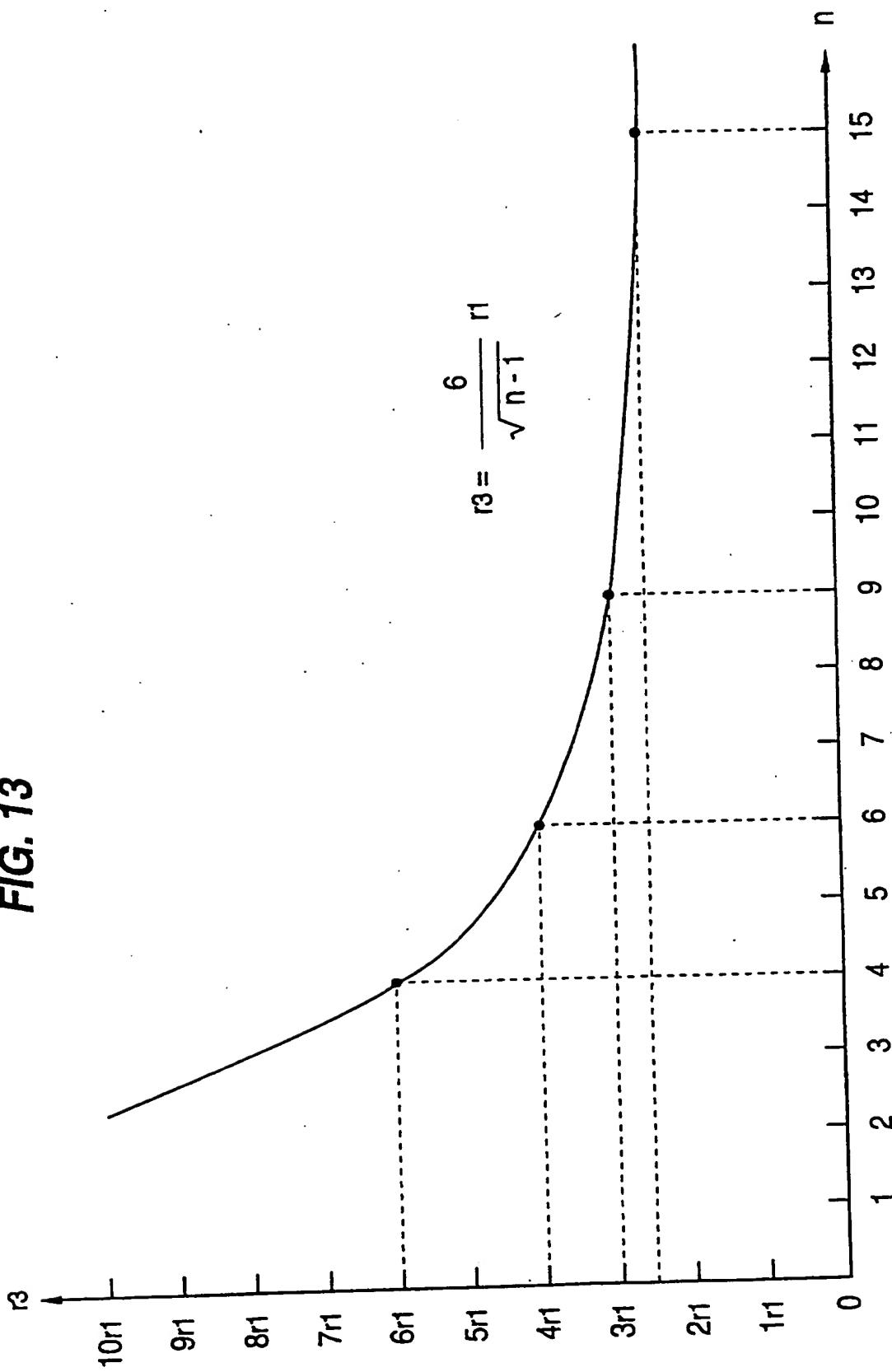
FIG. 13

FIG. 14

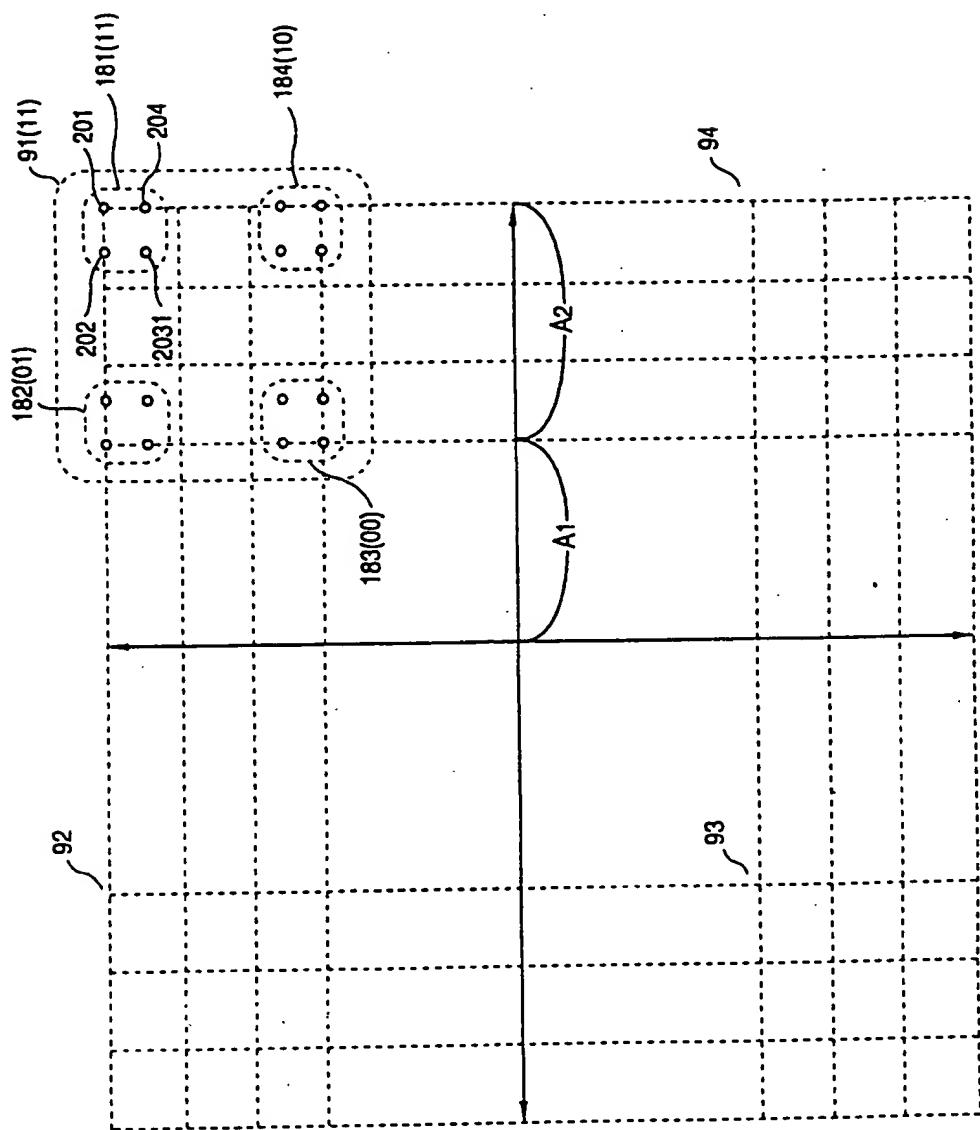


FIG. 15

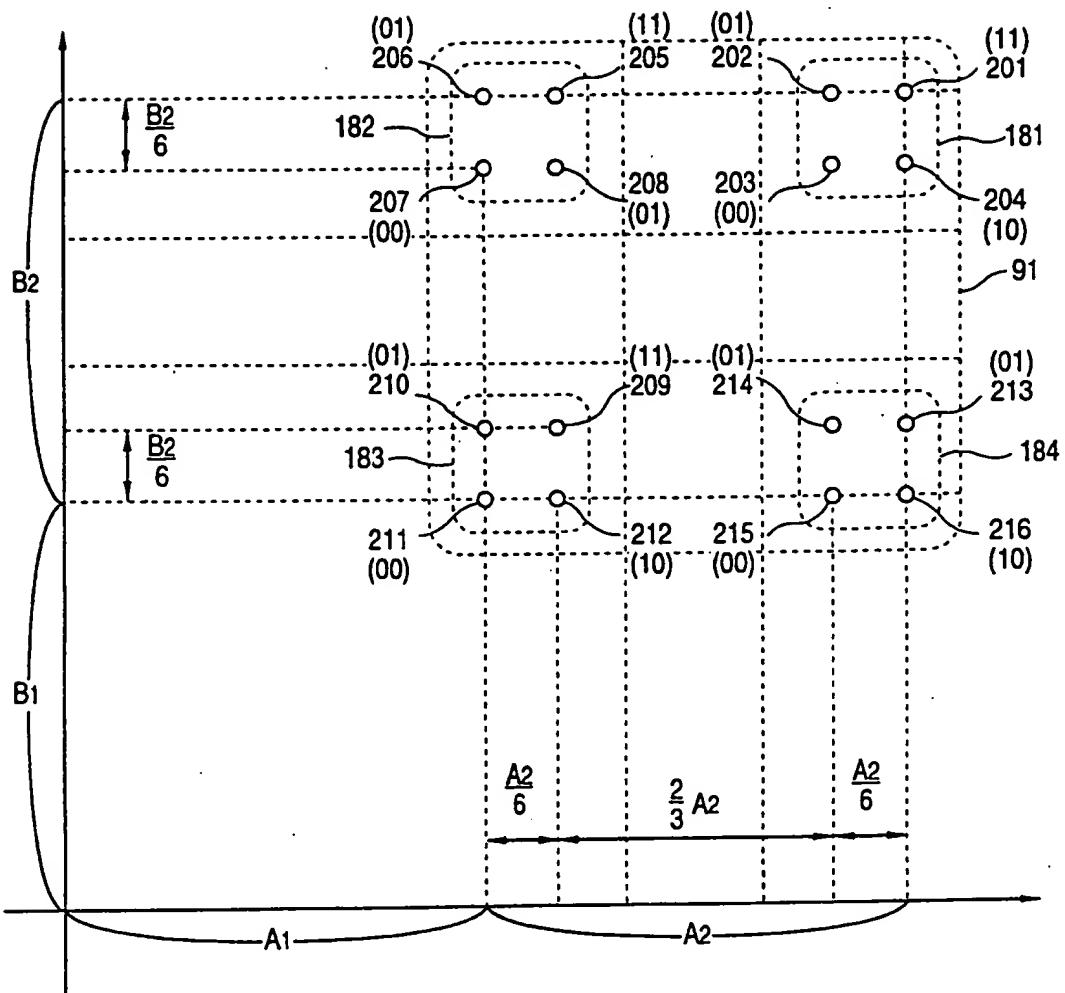
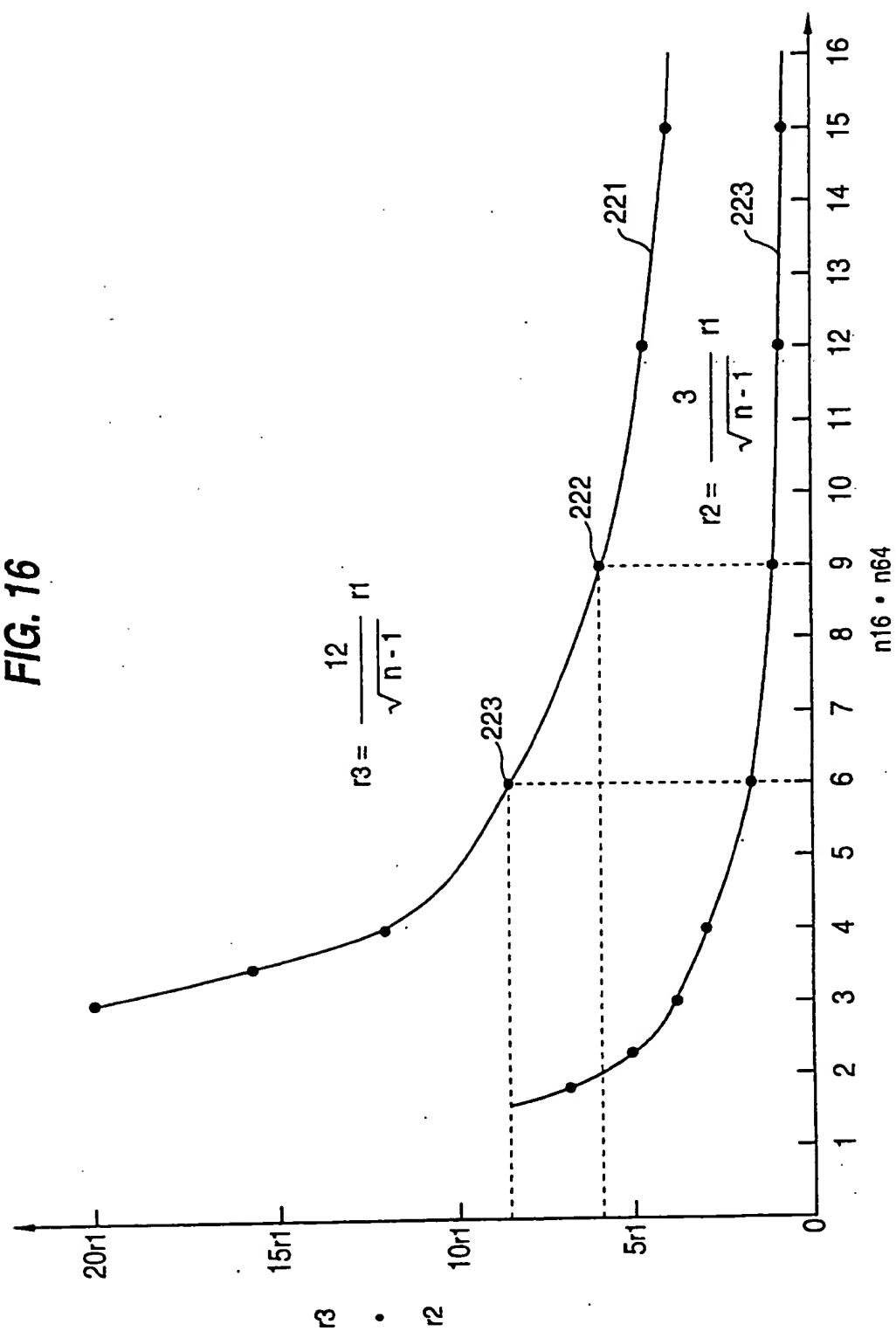


FIG. 16



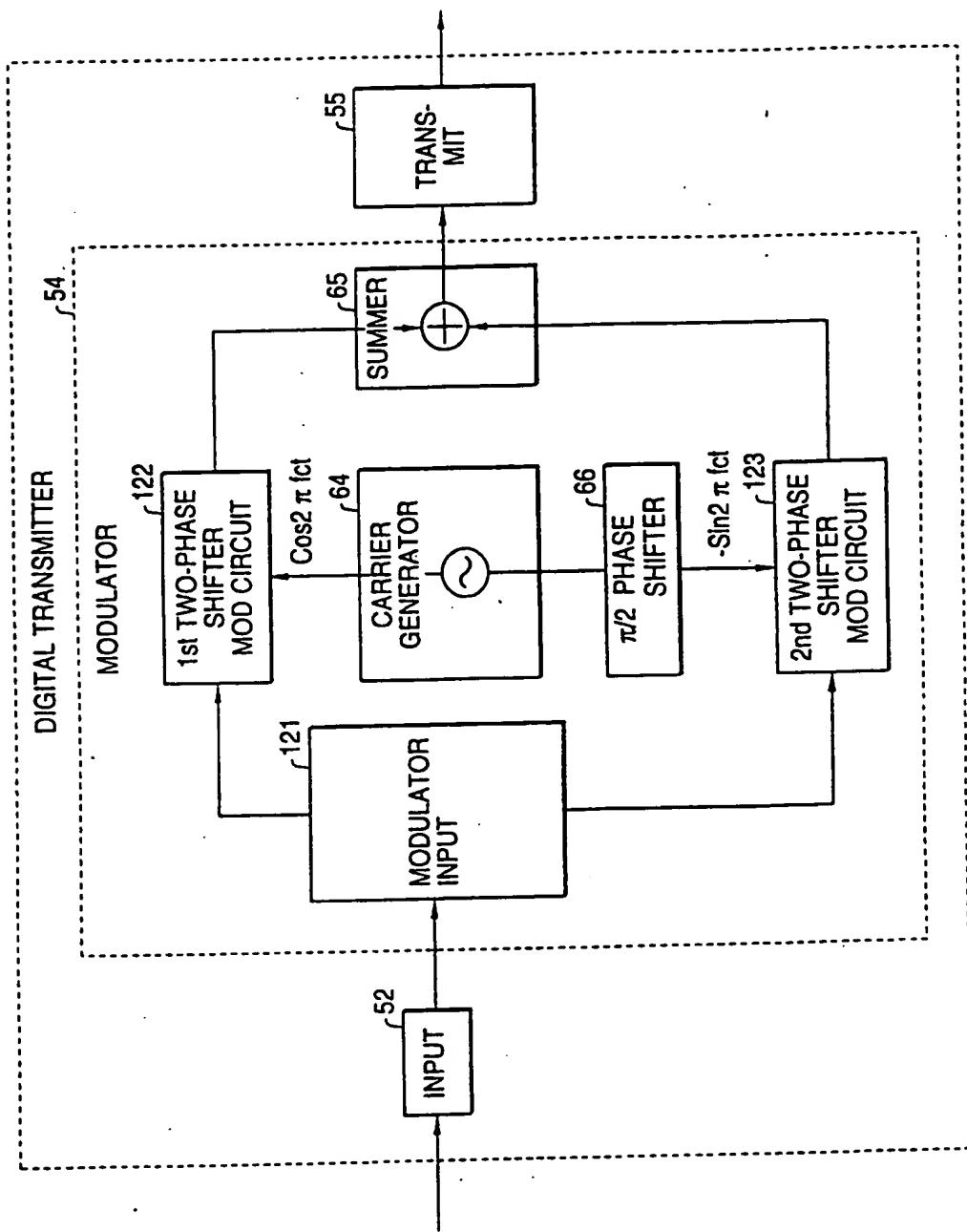
**FIG. 17**

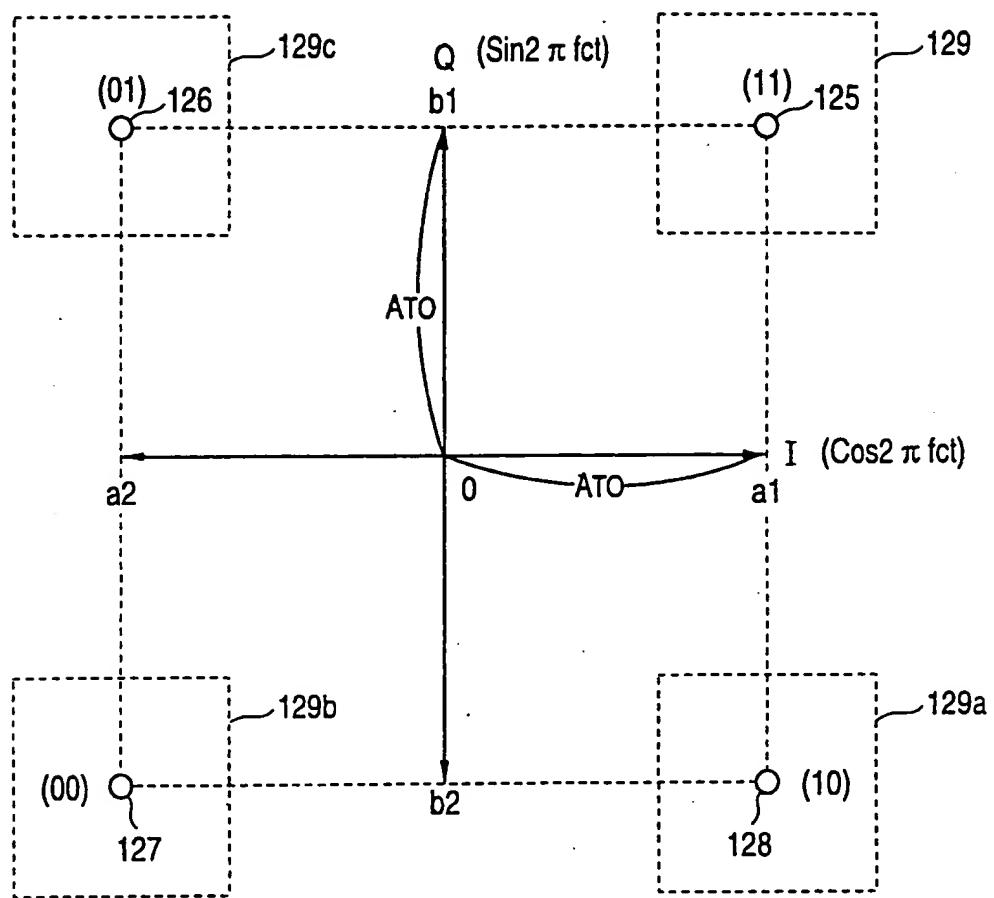
FIG. 18

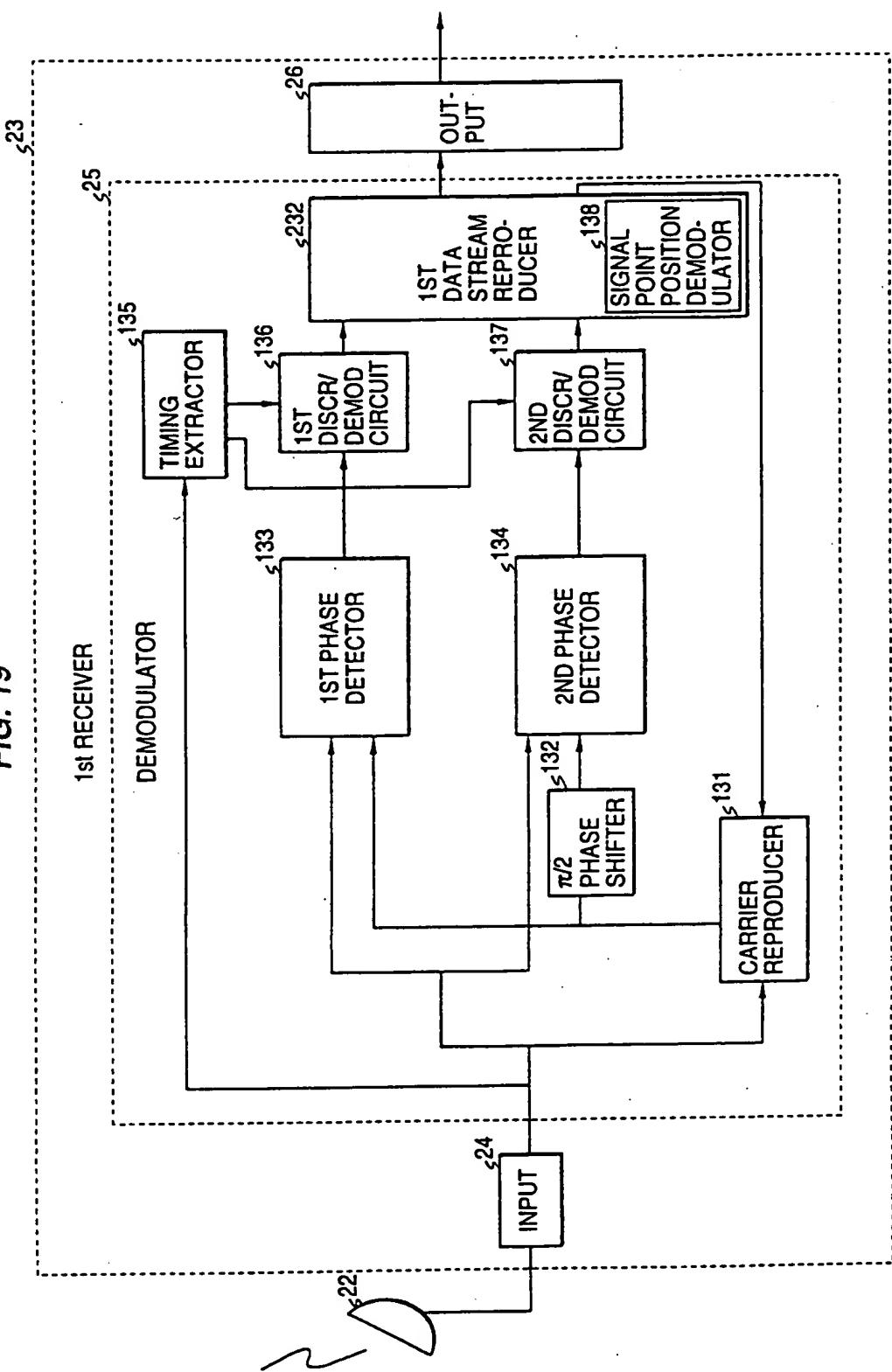
FIG. 19

FIG. 20

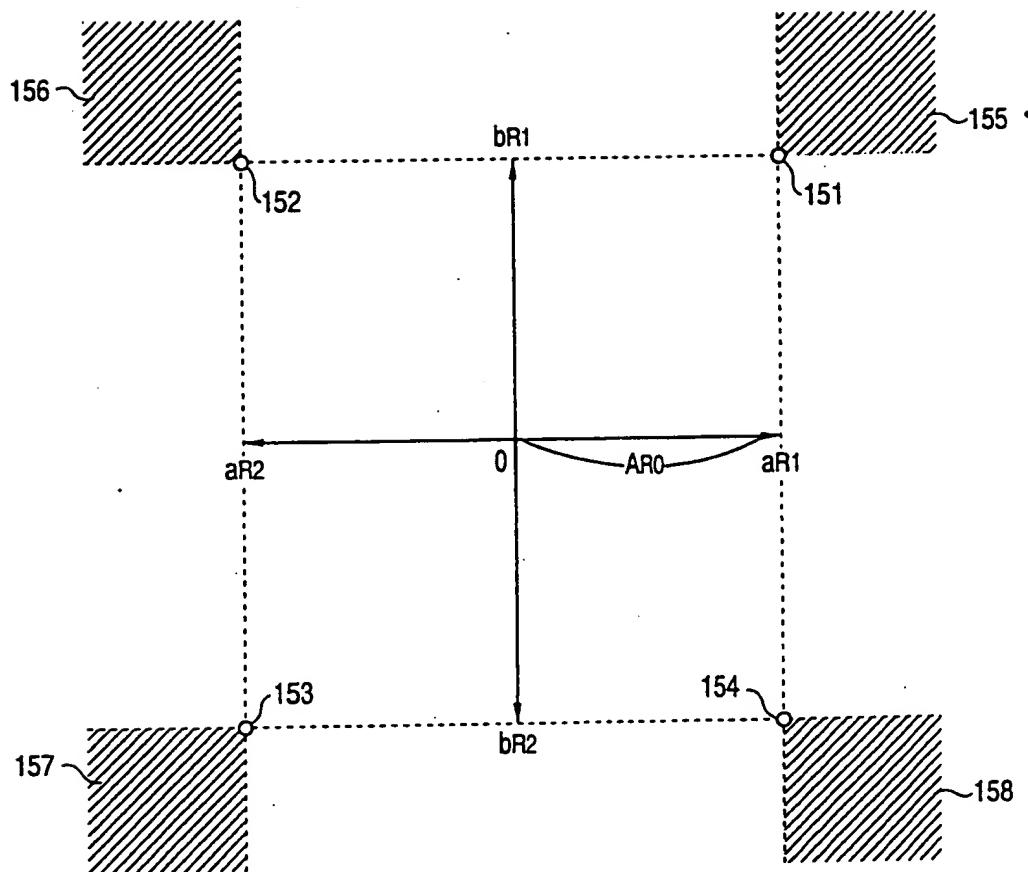


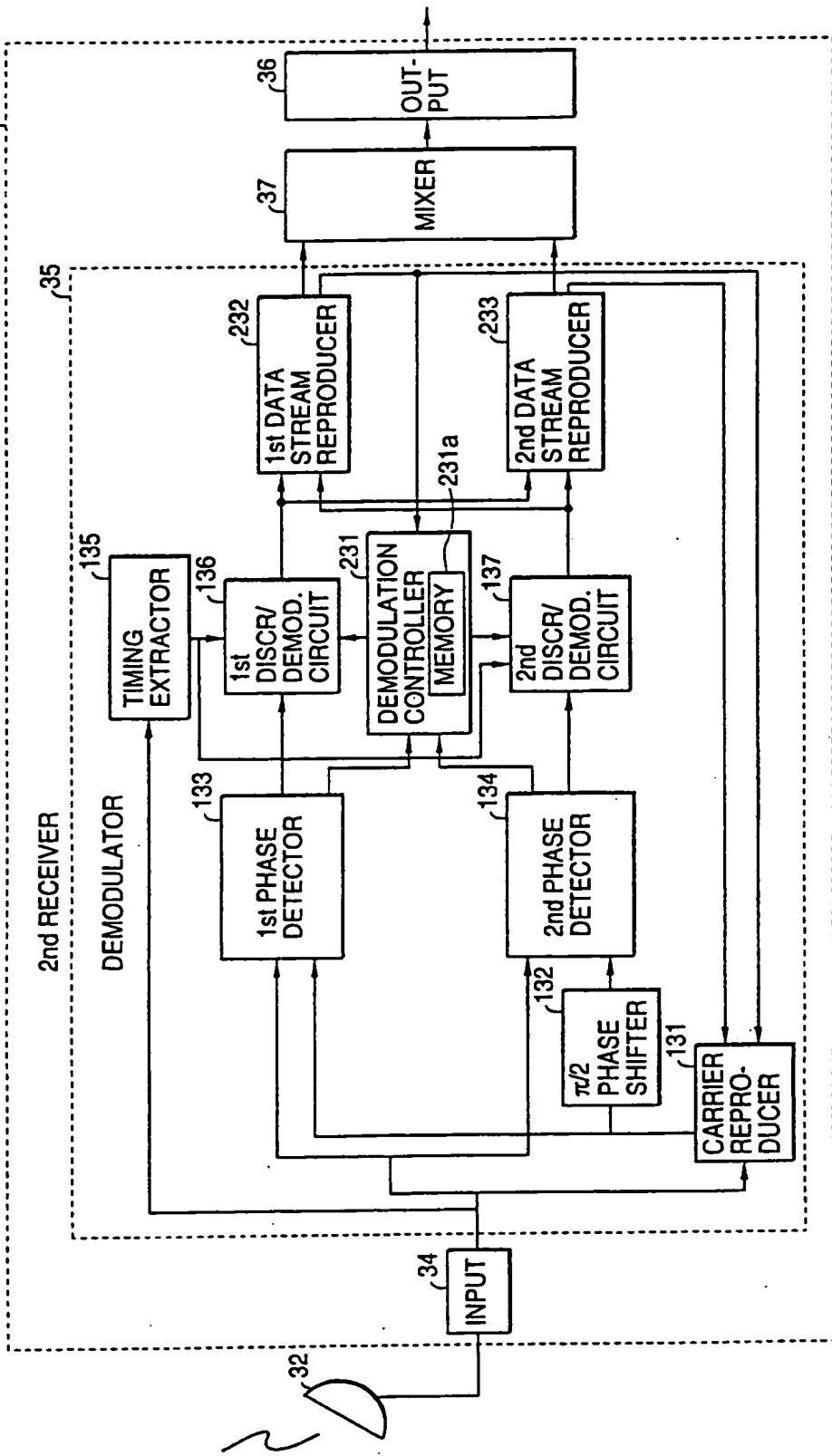
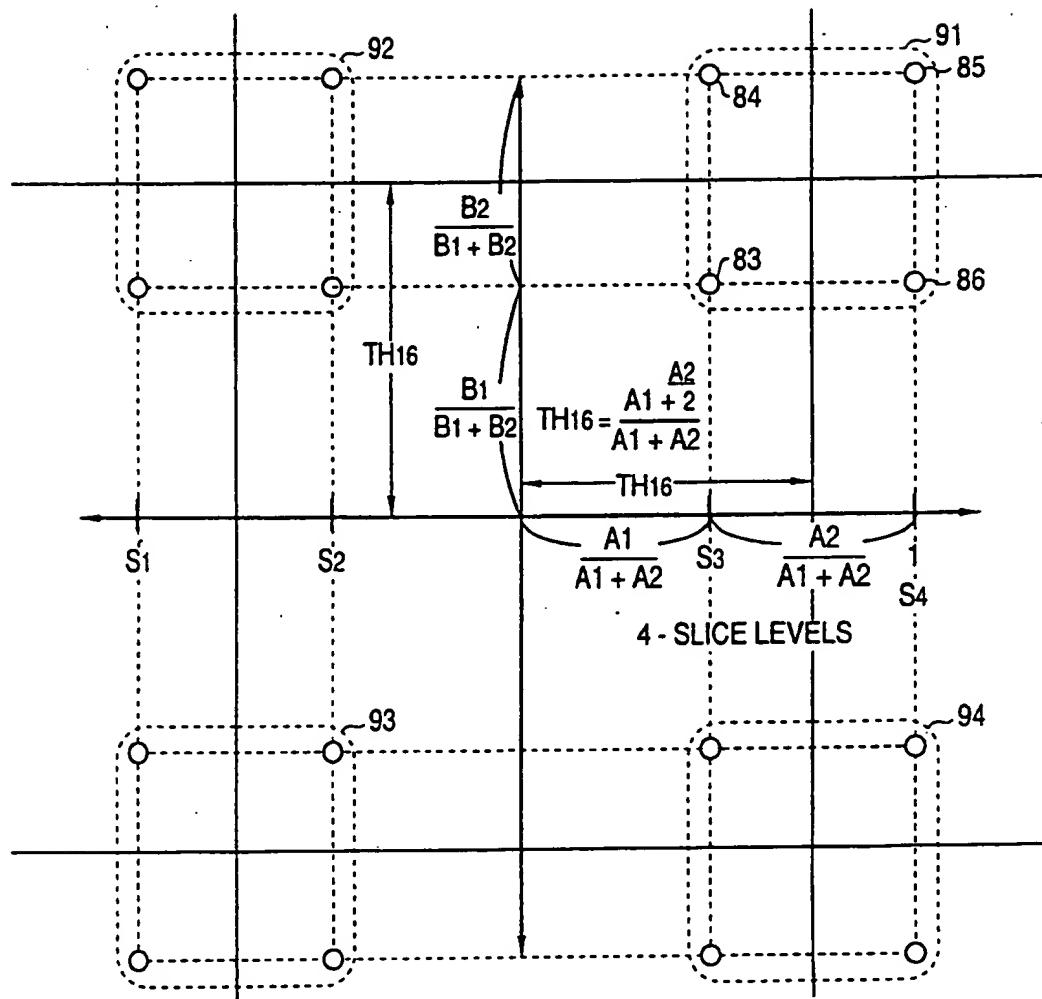
FIG. 21

FIG. 22



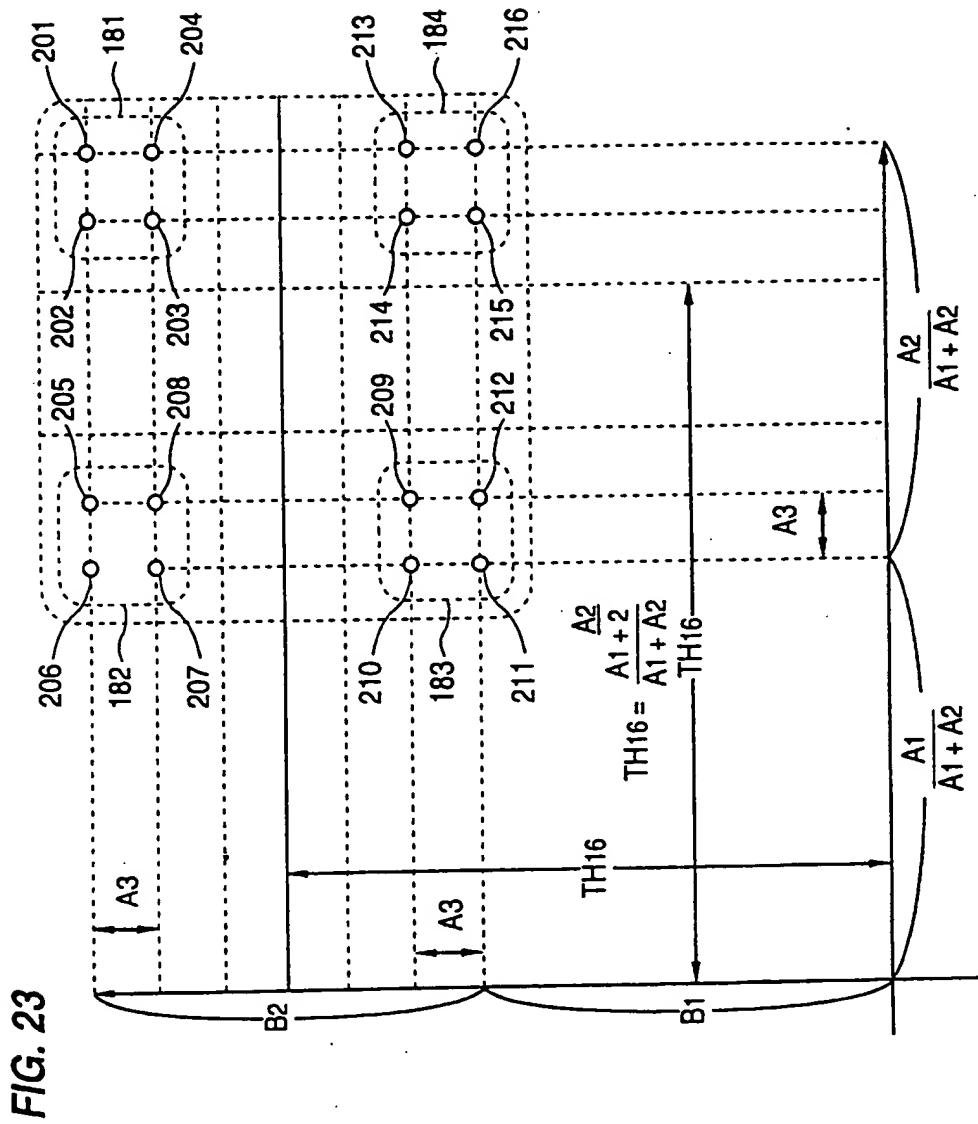


FIG. 24

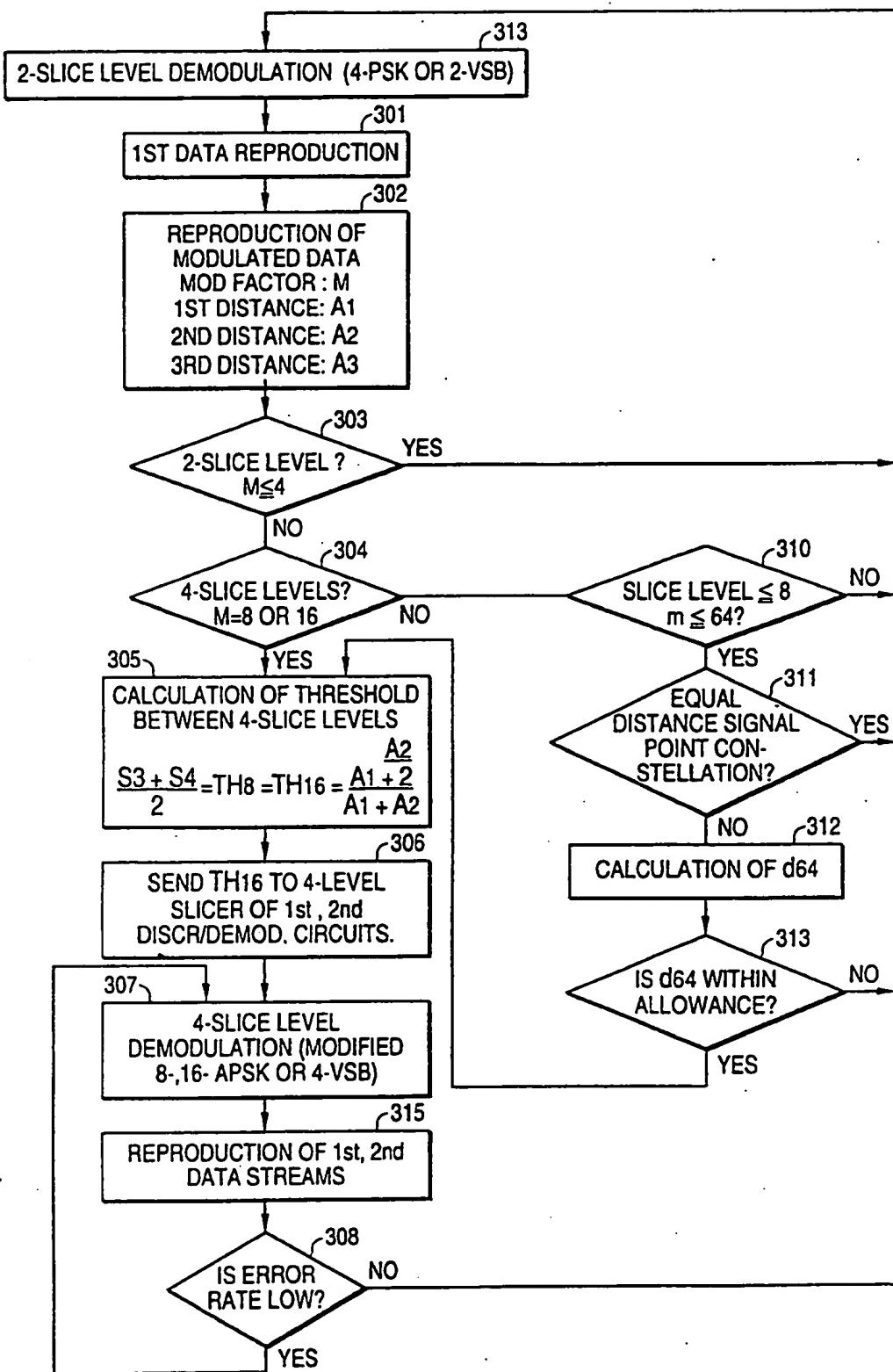


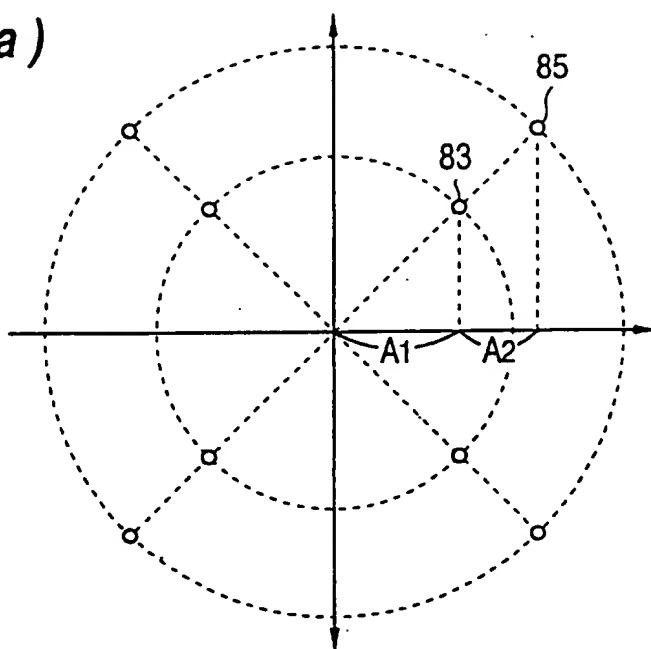
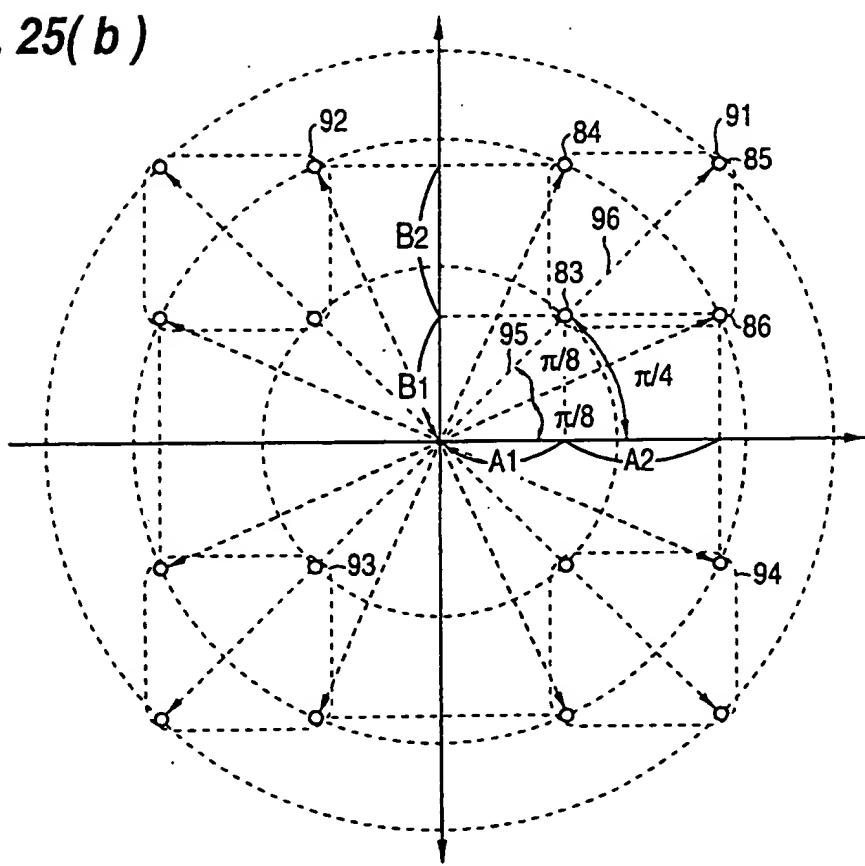
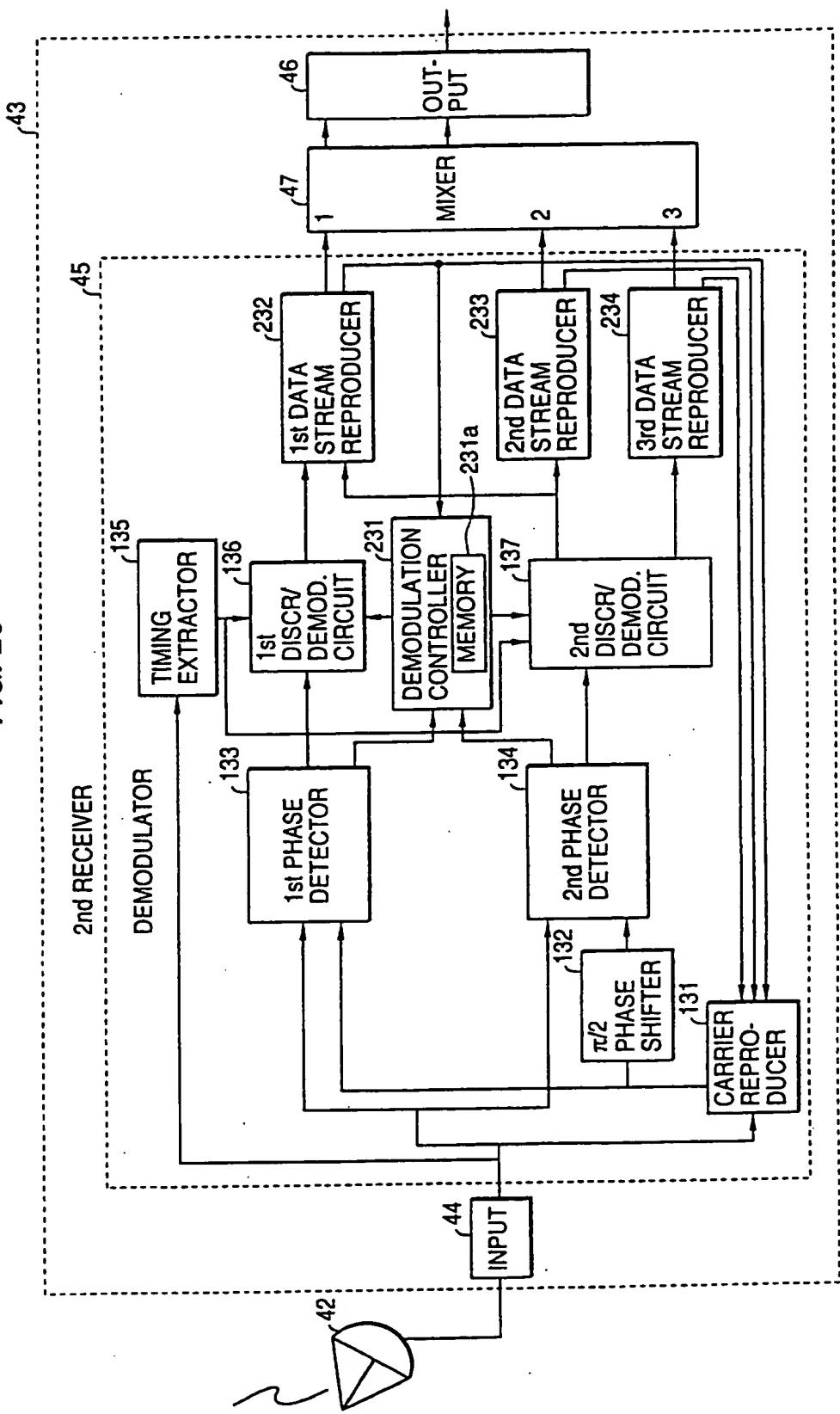
FIG. 25(a)**FIG. 25(b)**

FIG. 26



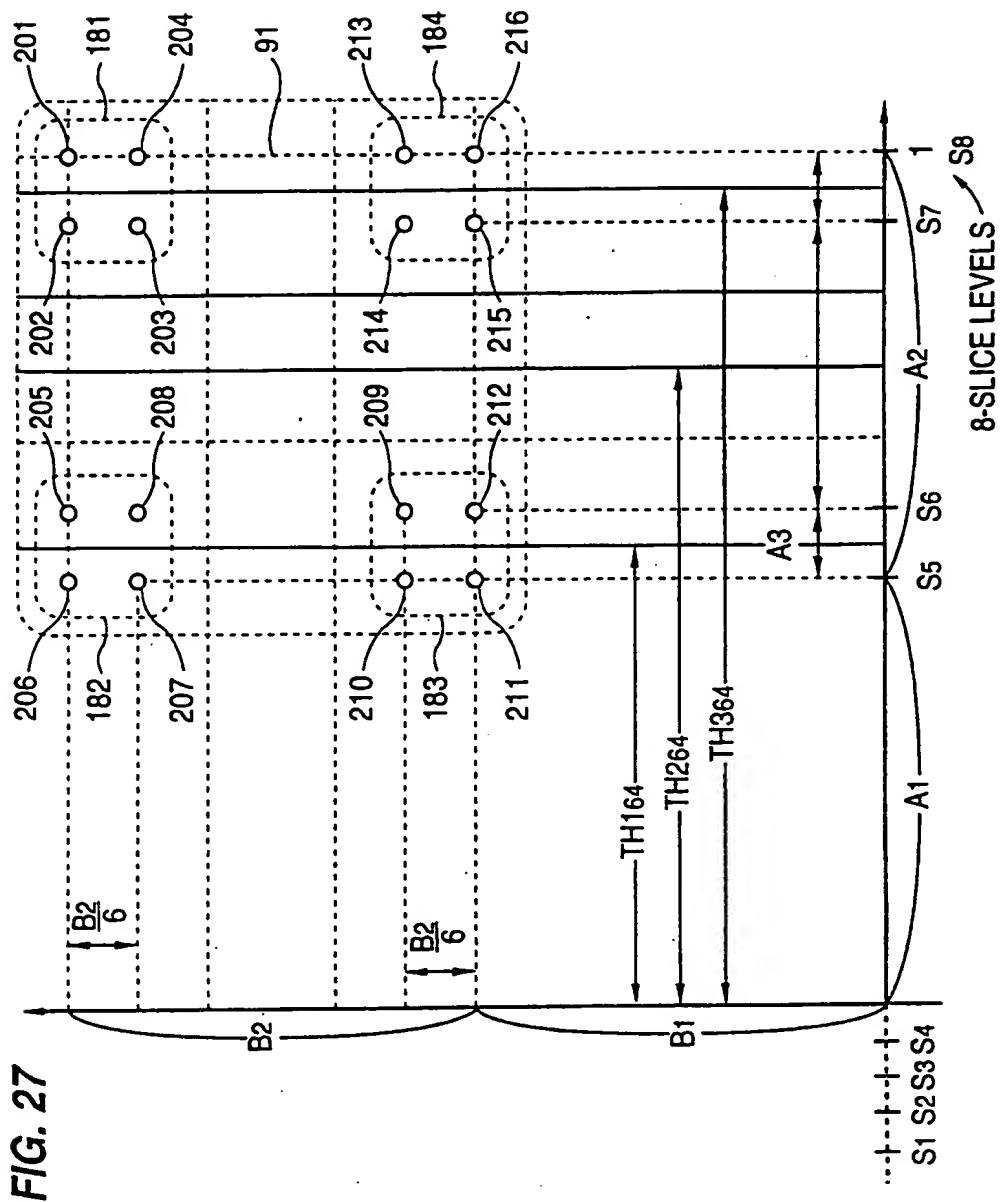
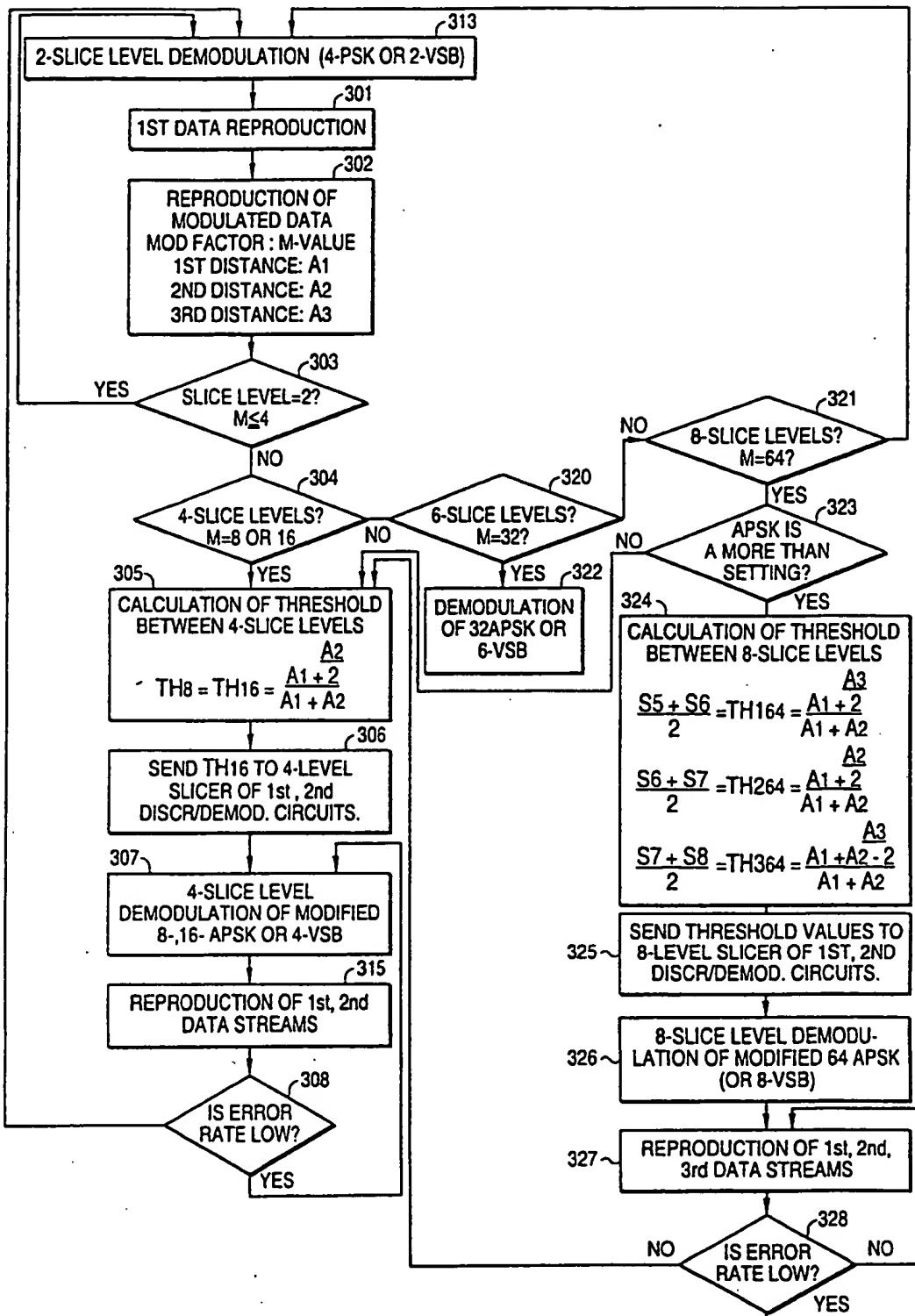


FIG. 27

FIG. 28



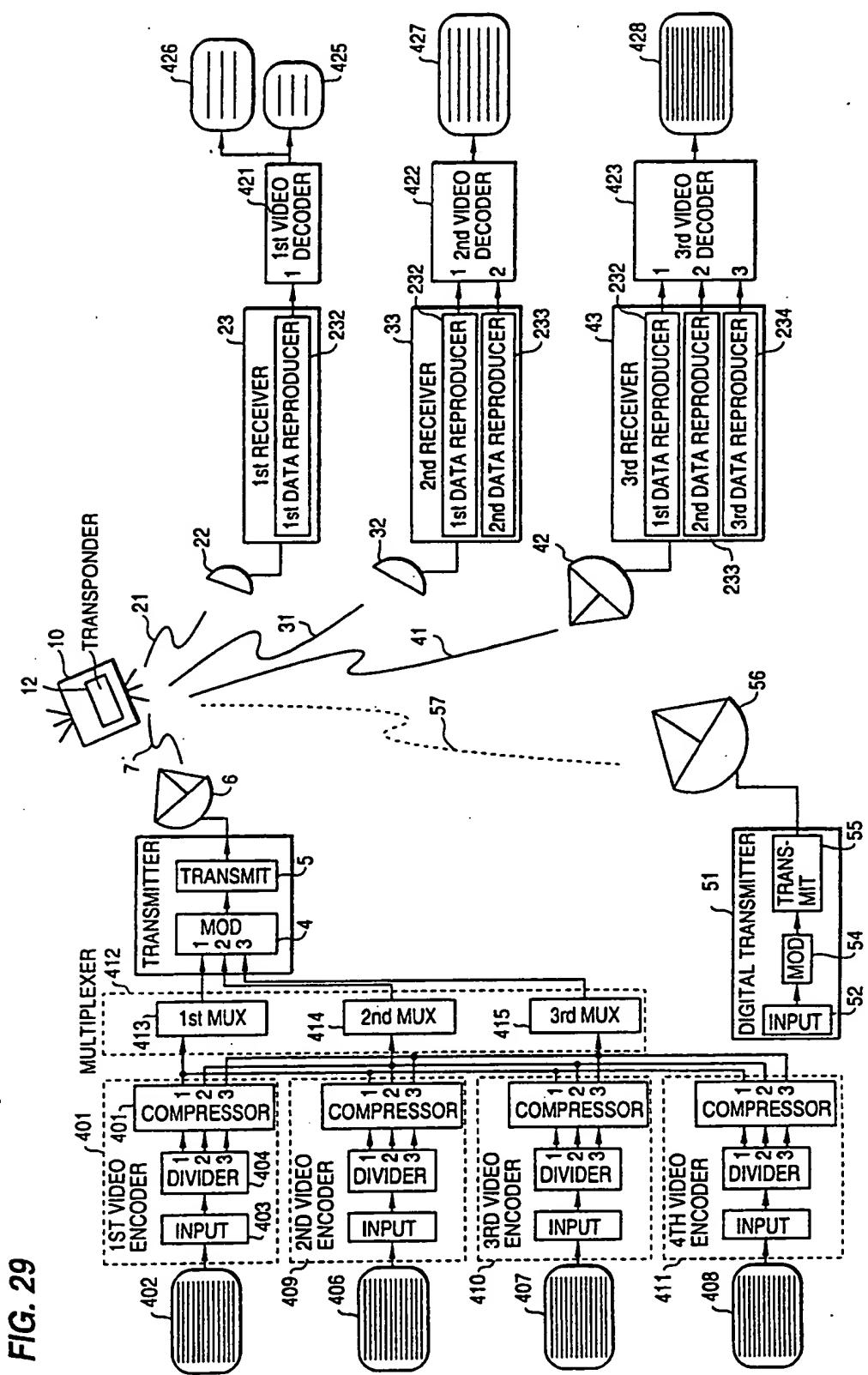
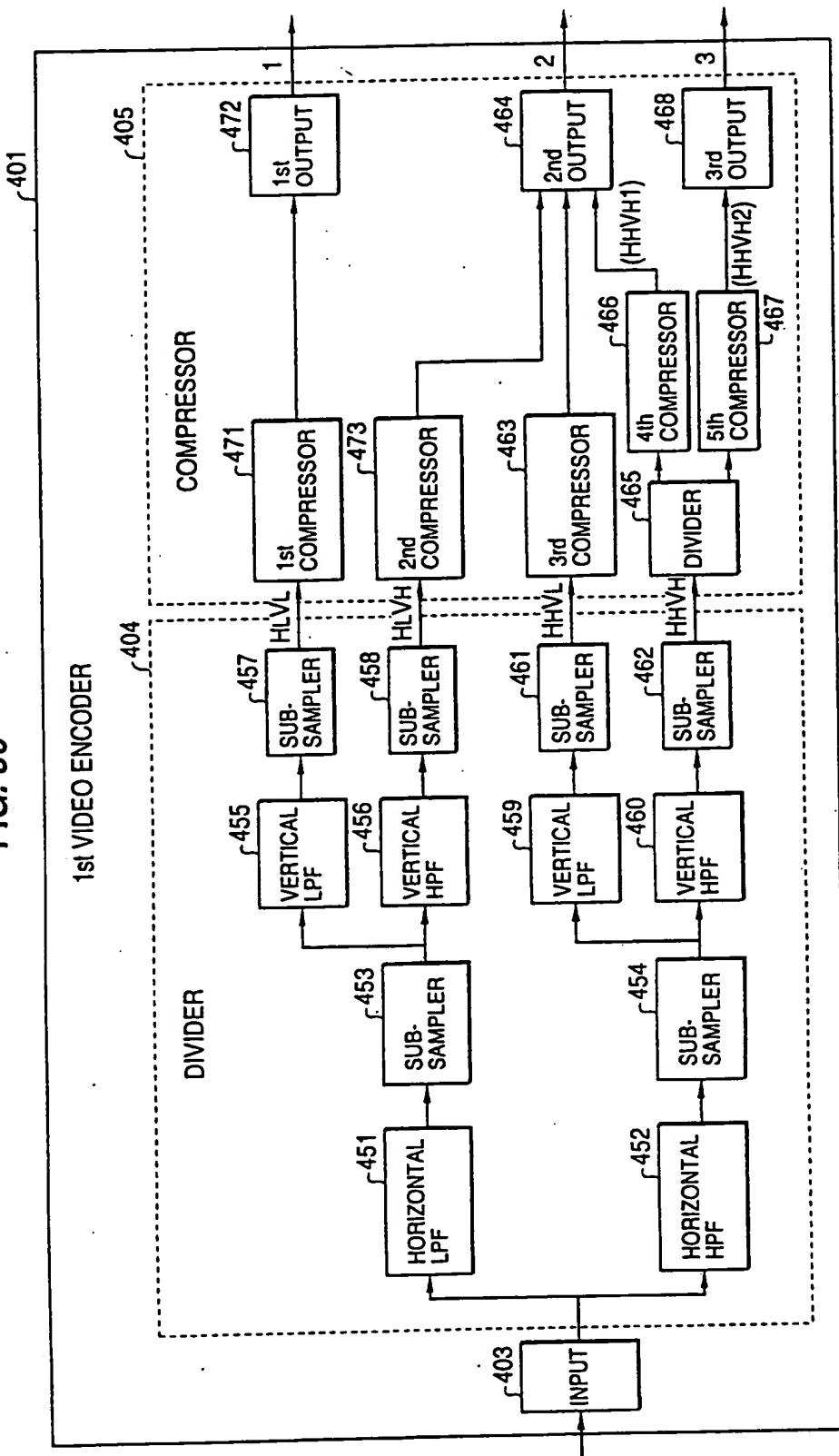


FIG. 30



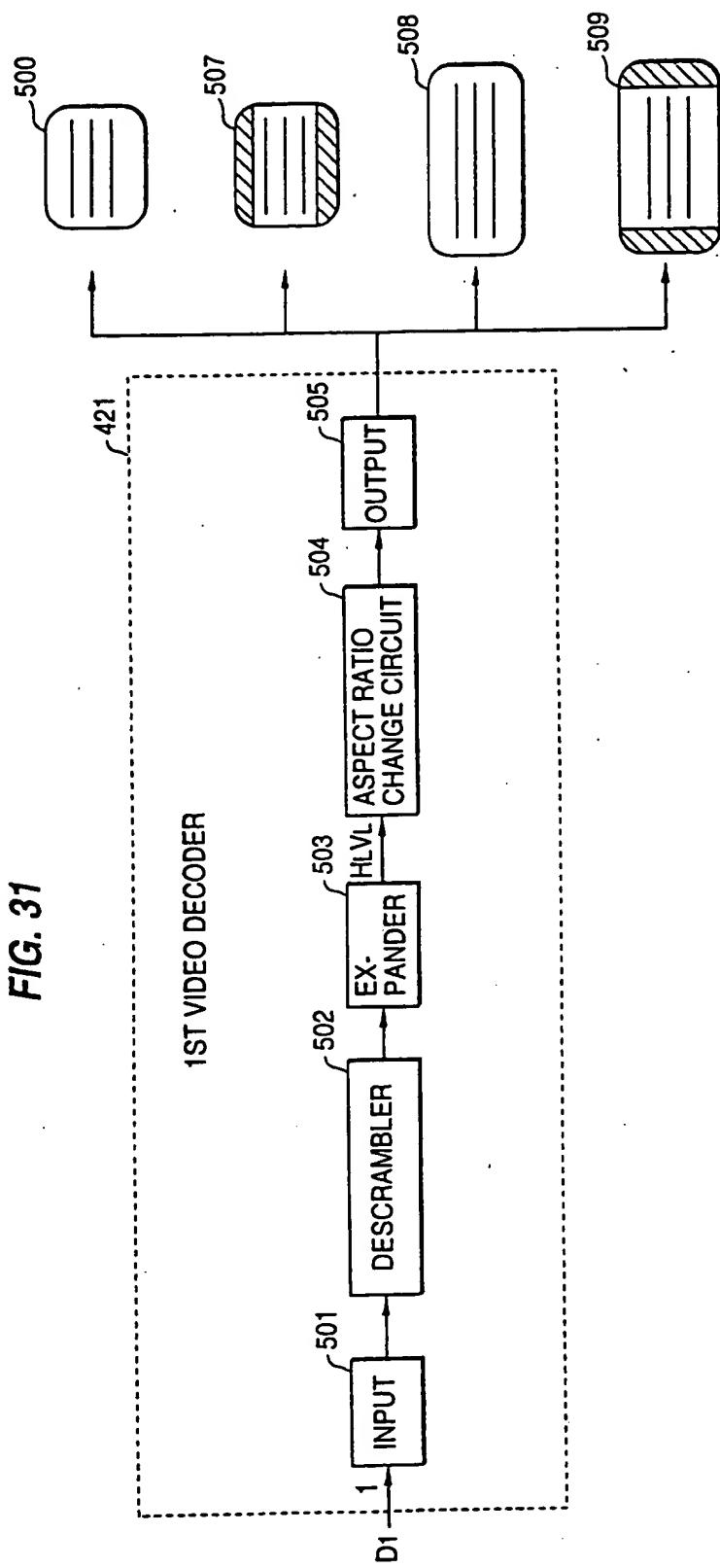


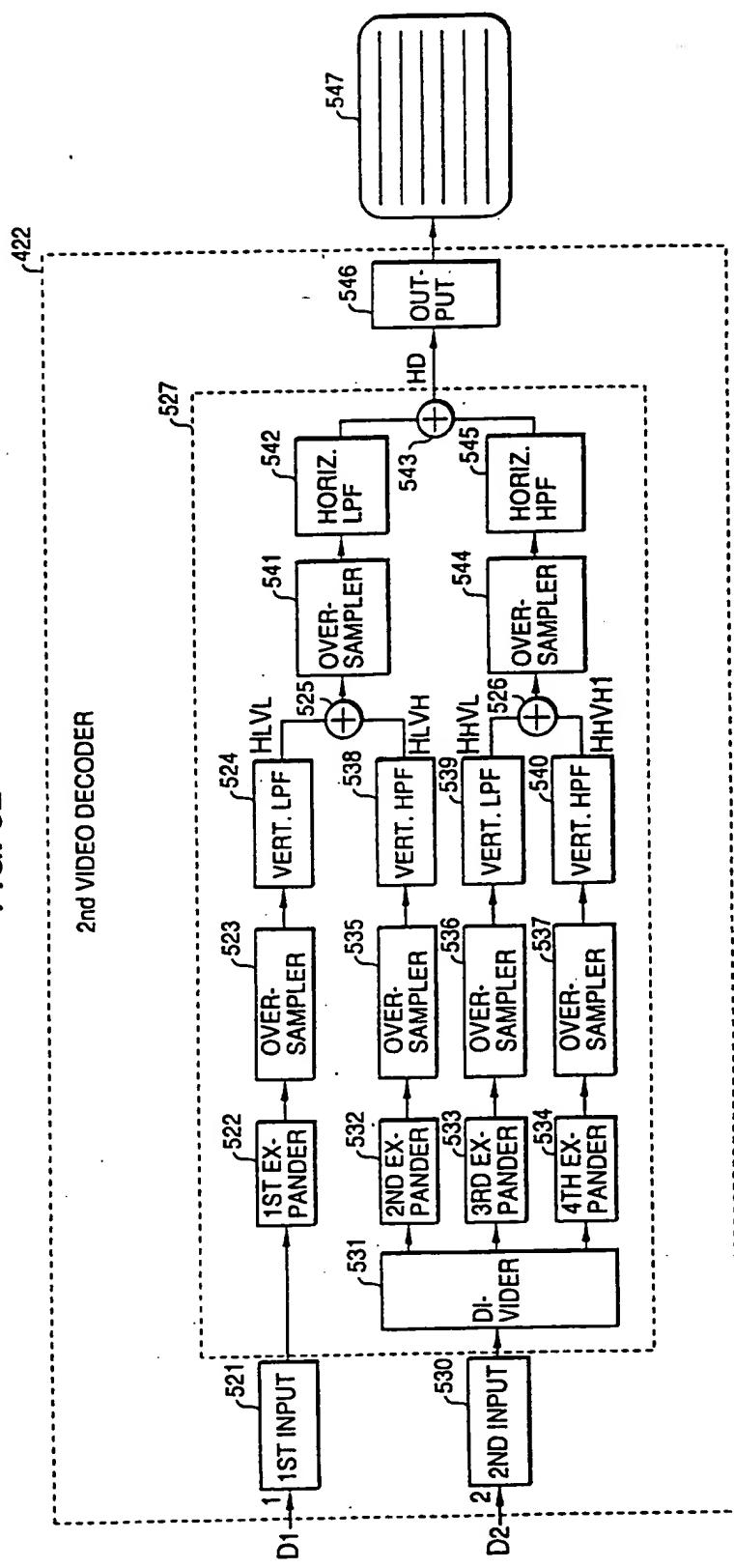
FIG. 32

FIG. 33

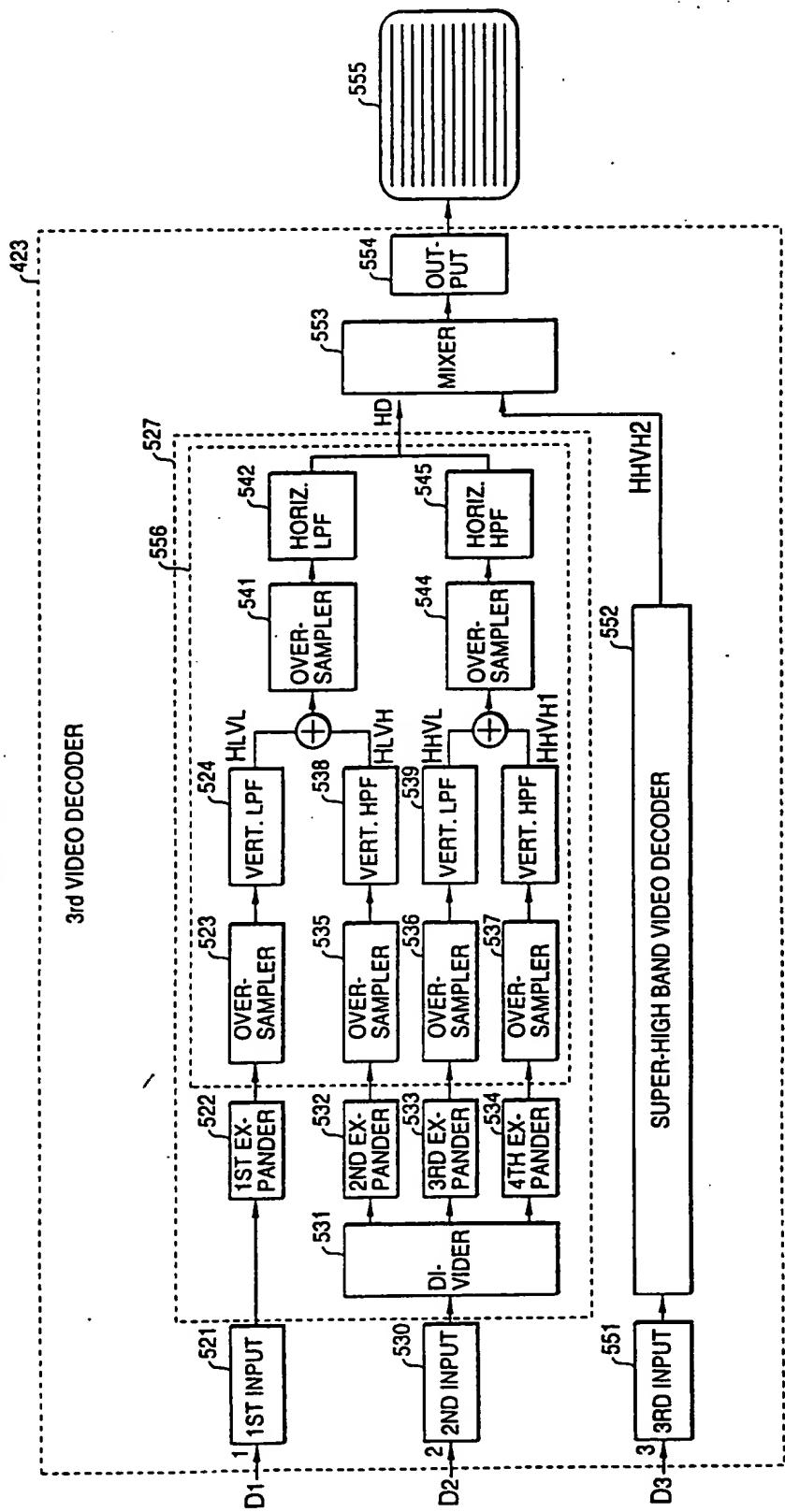


FIG. 34

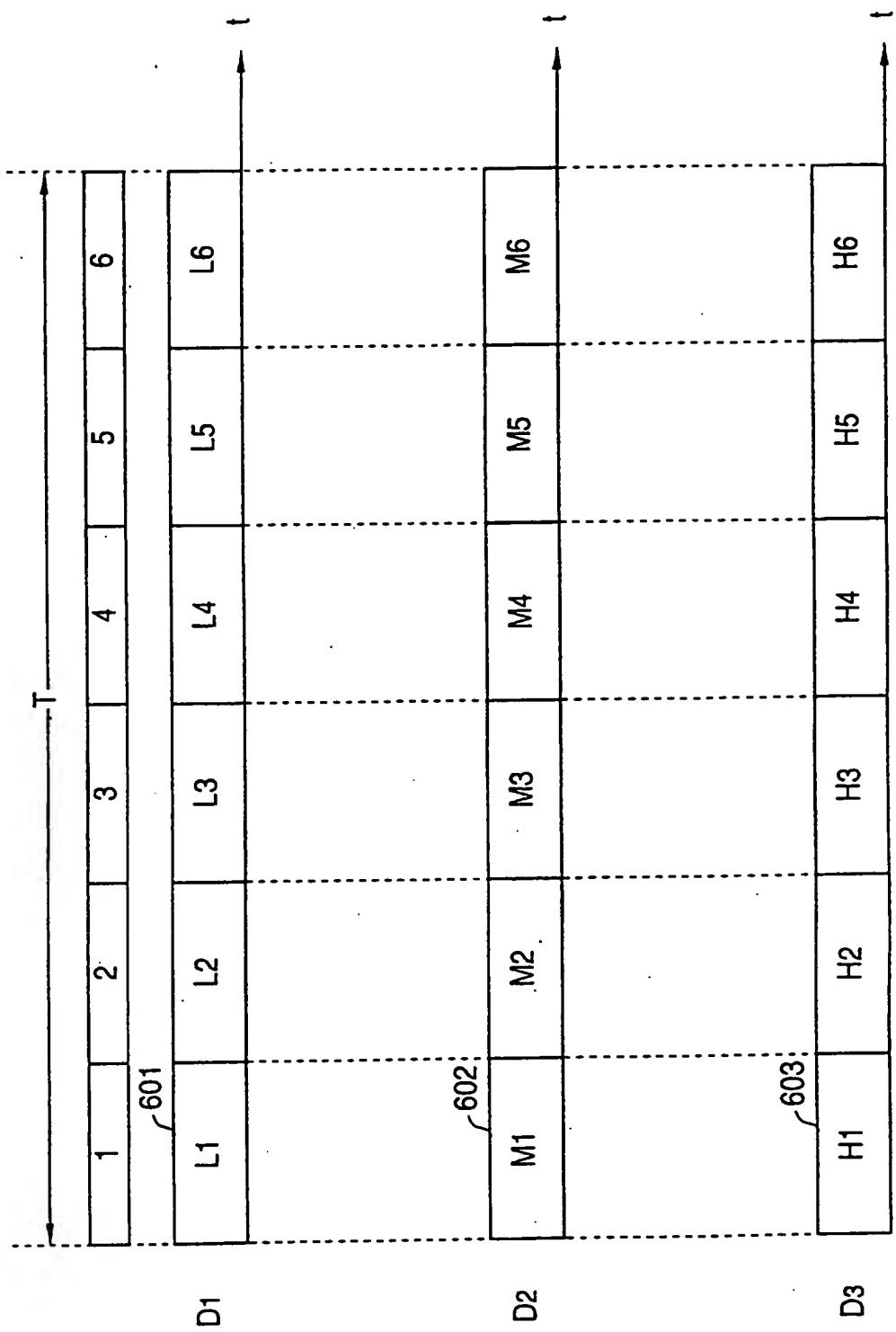


FIG. 35

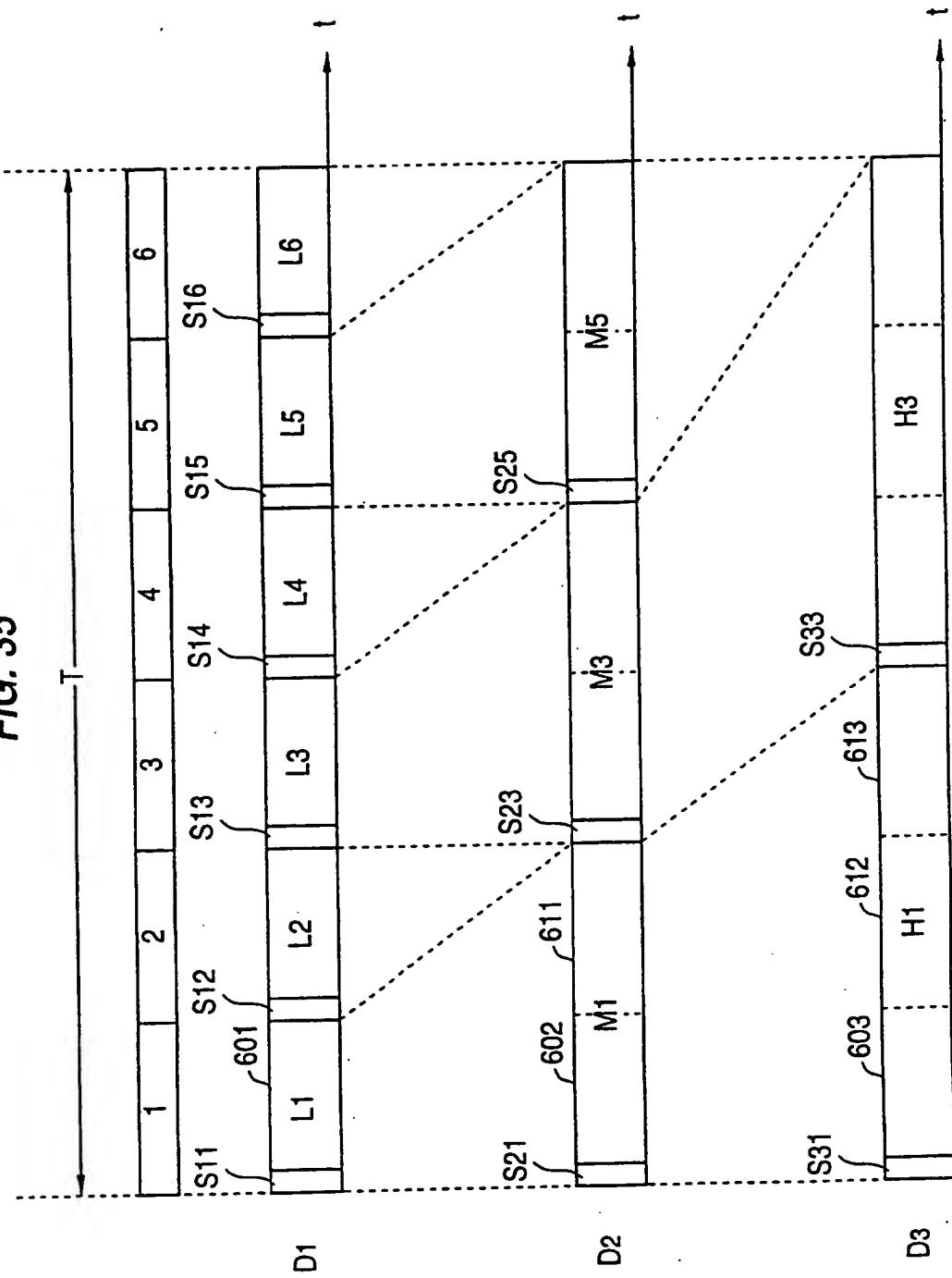
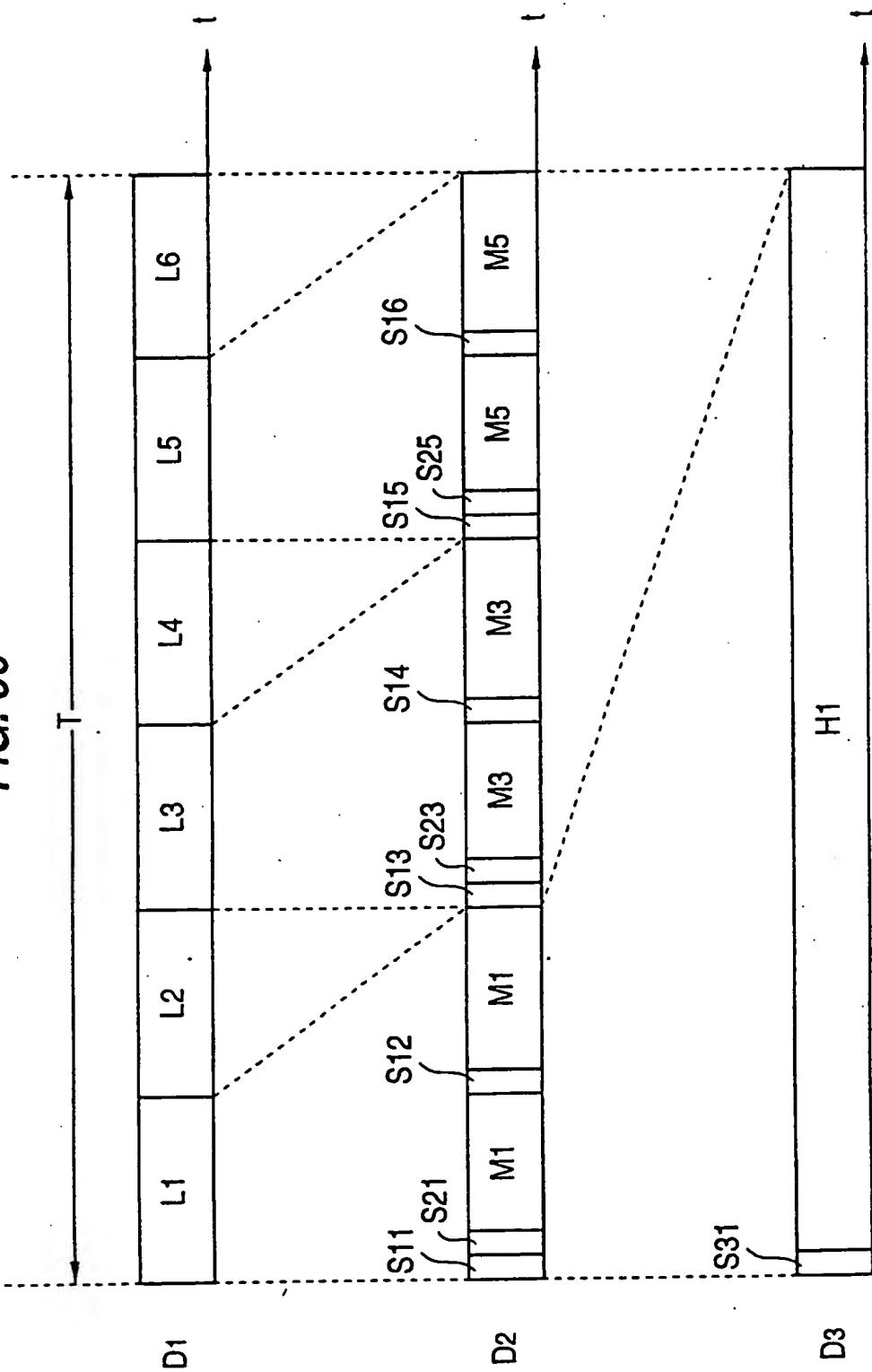


FIG. 36



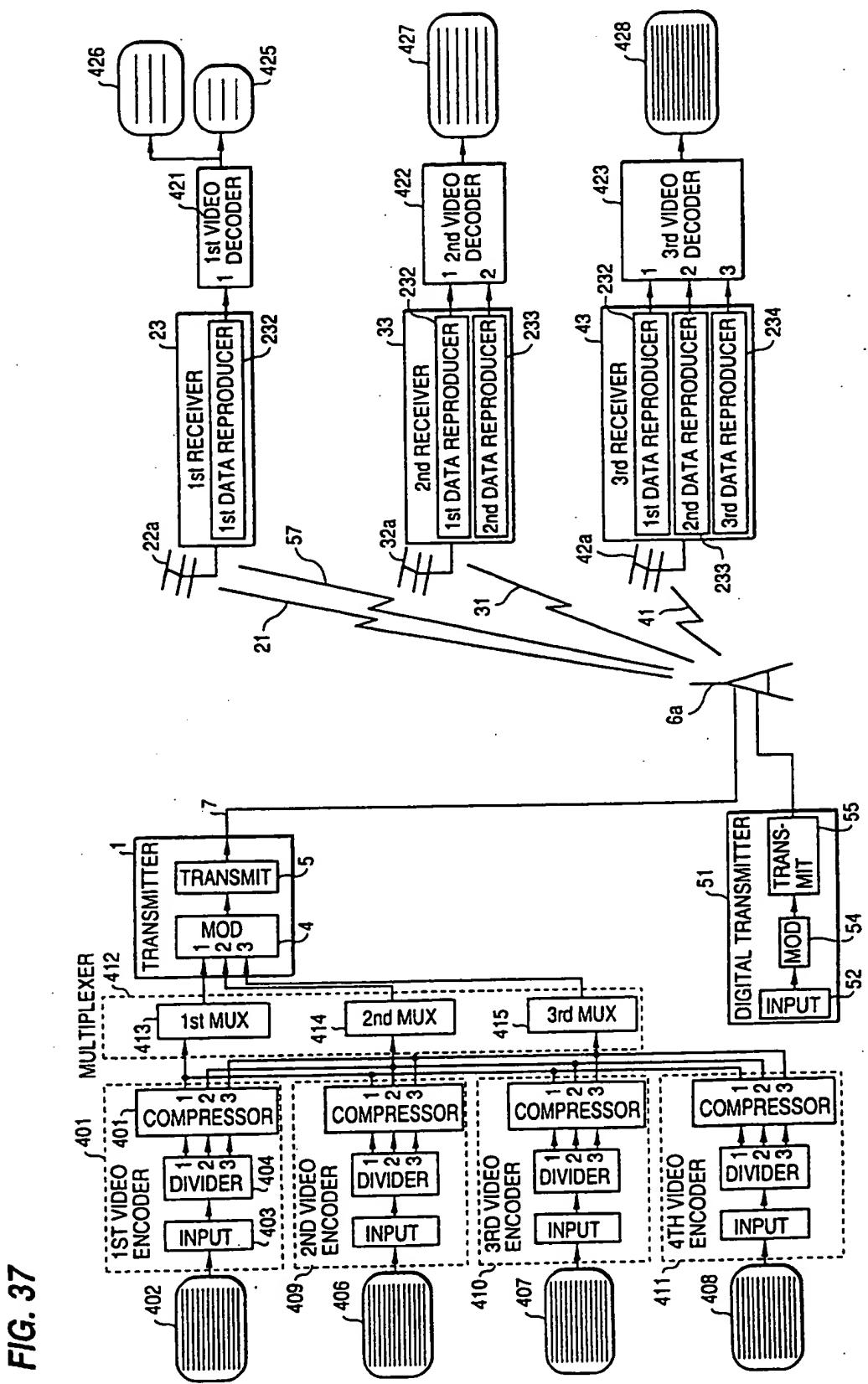


FIG. 38

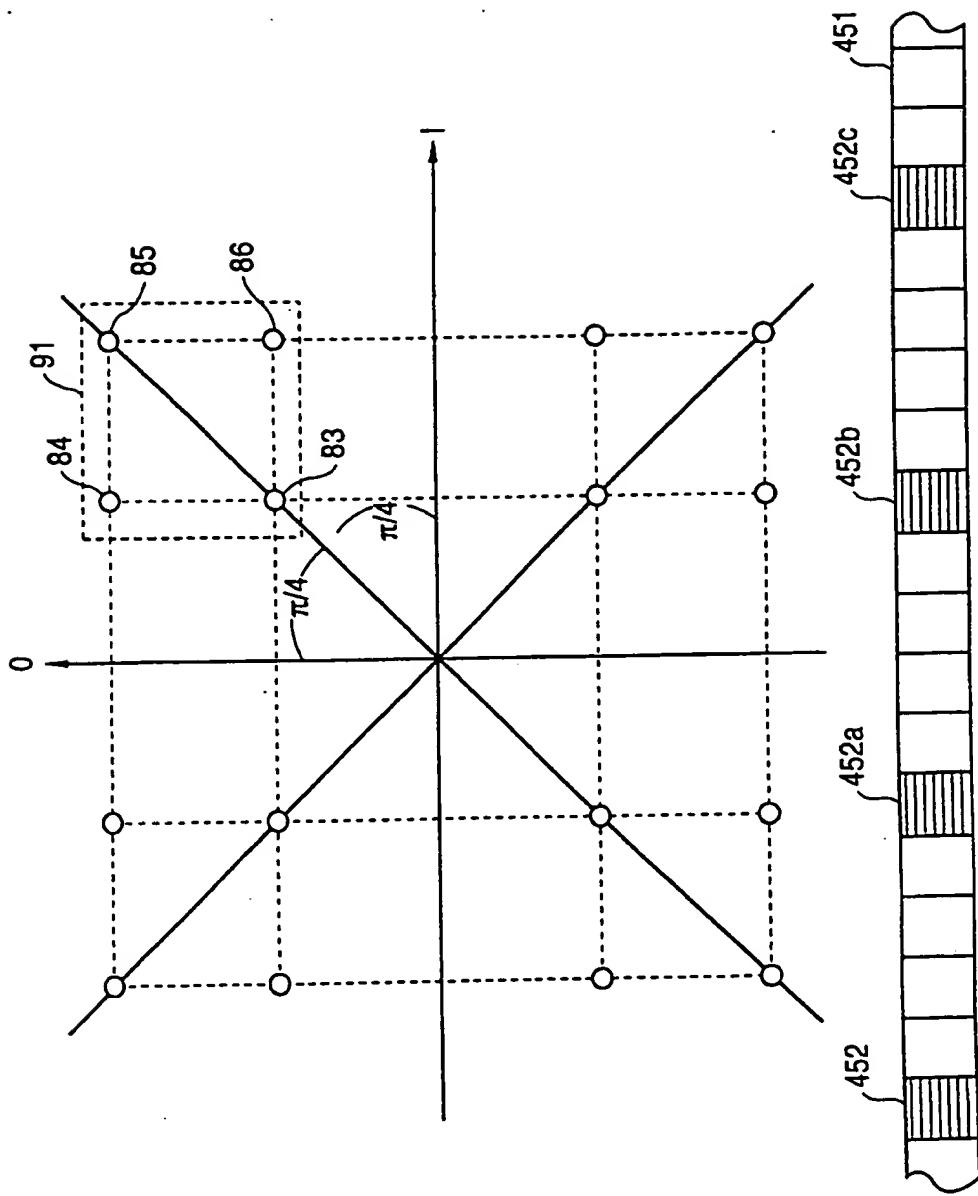


FIG. 39

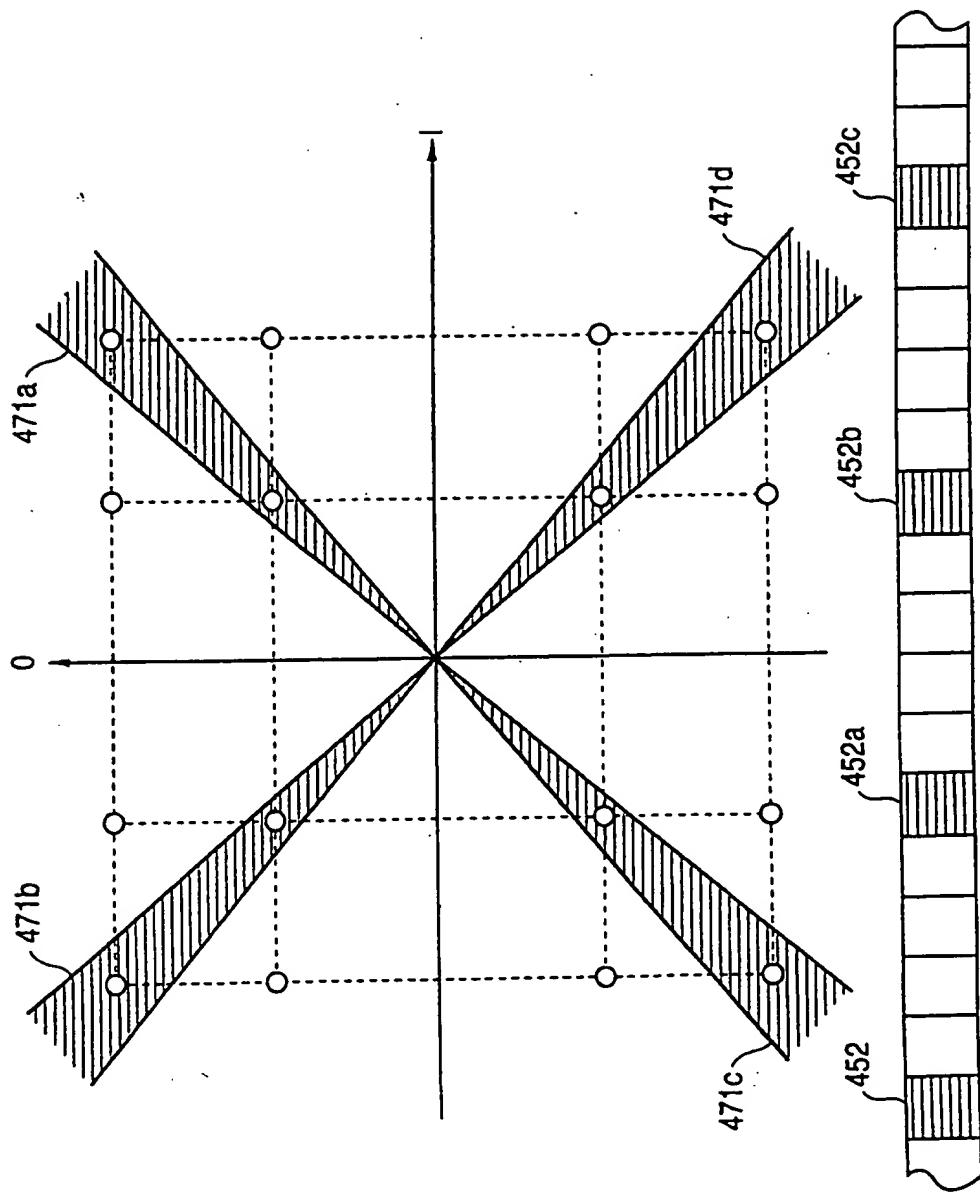


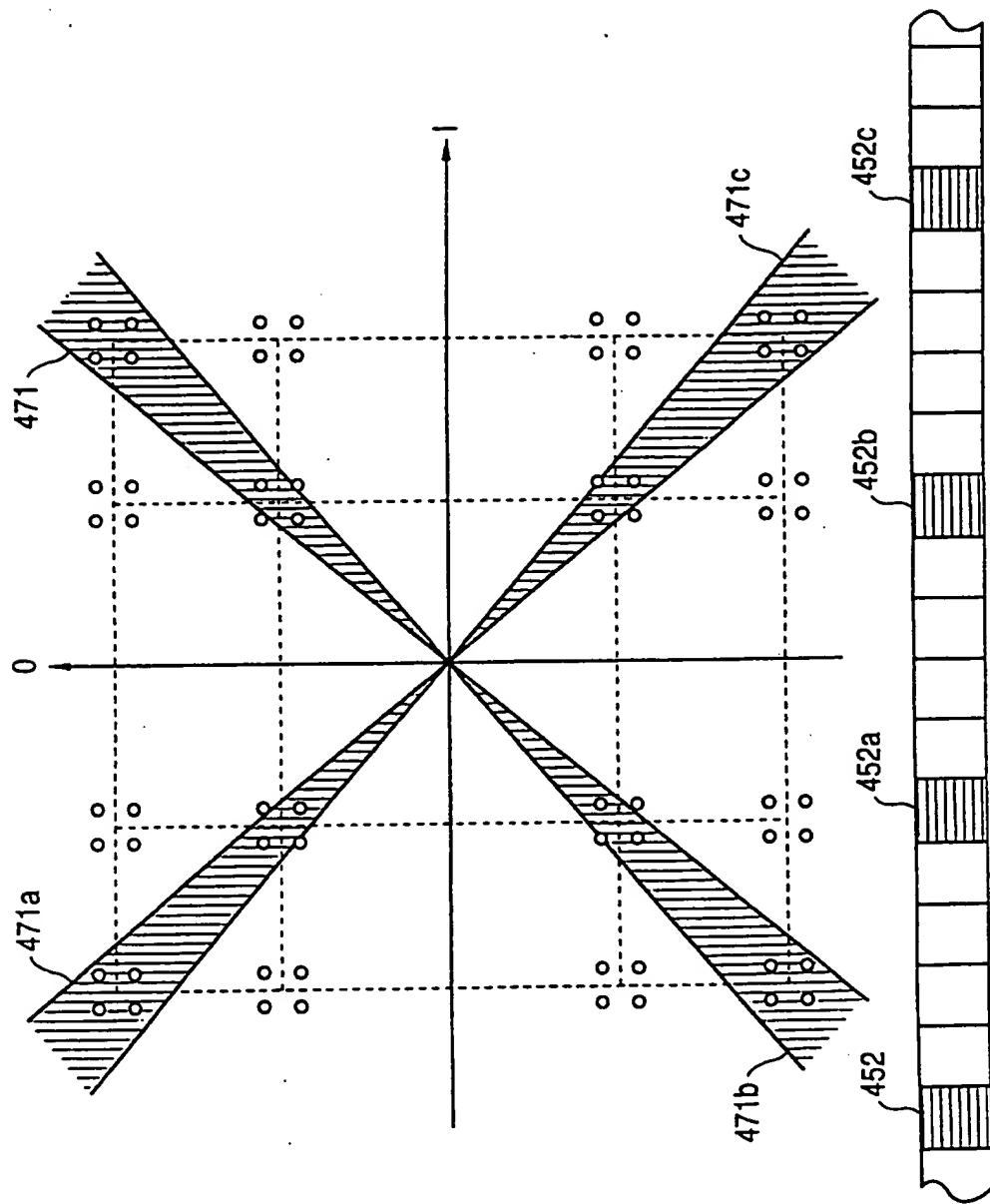
FIG. 40

FIG. 41

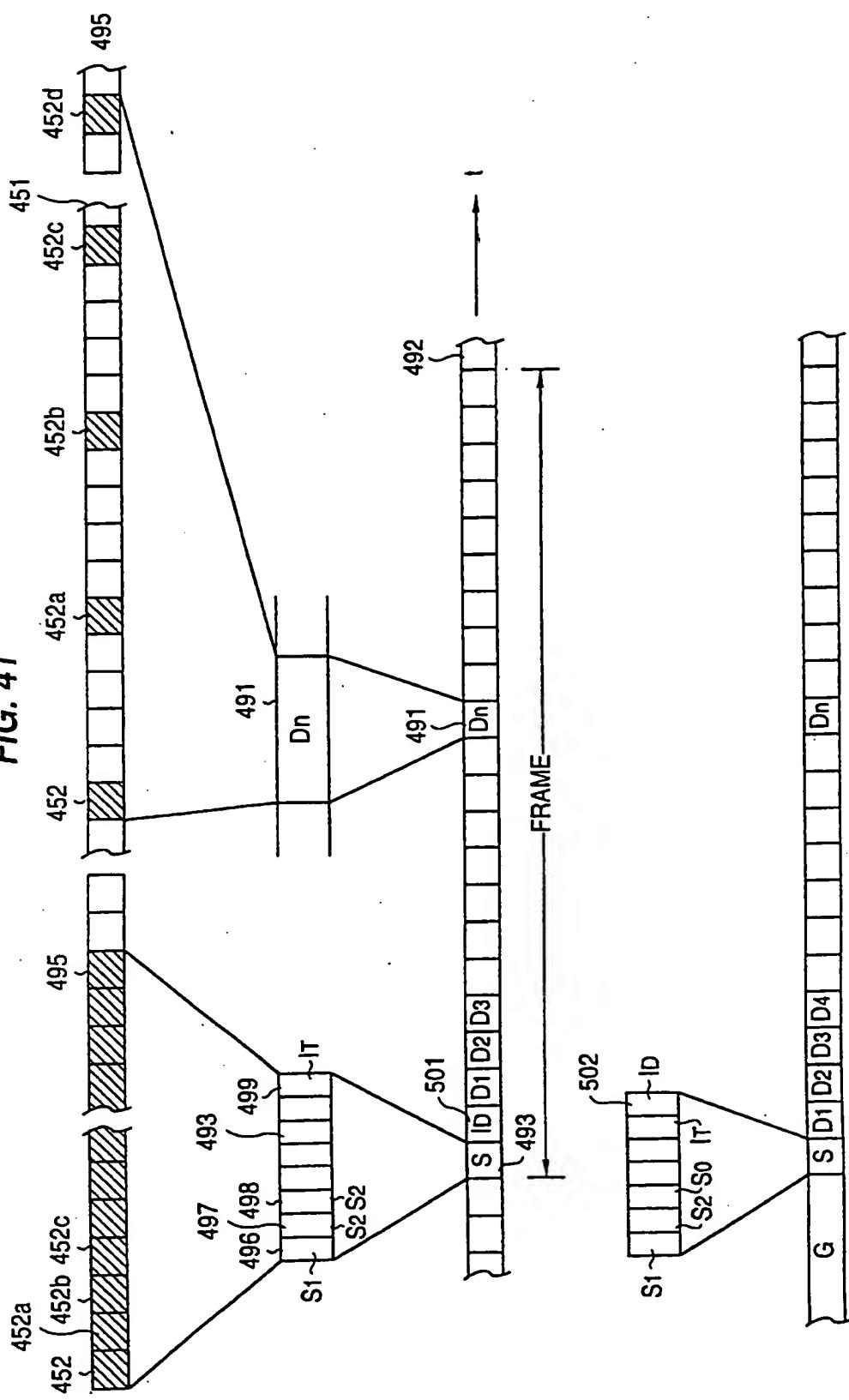


FIG. 42

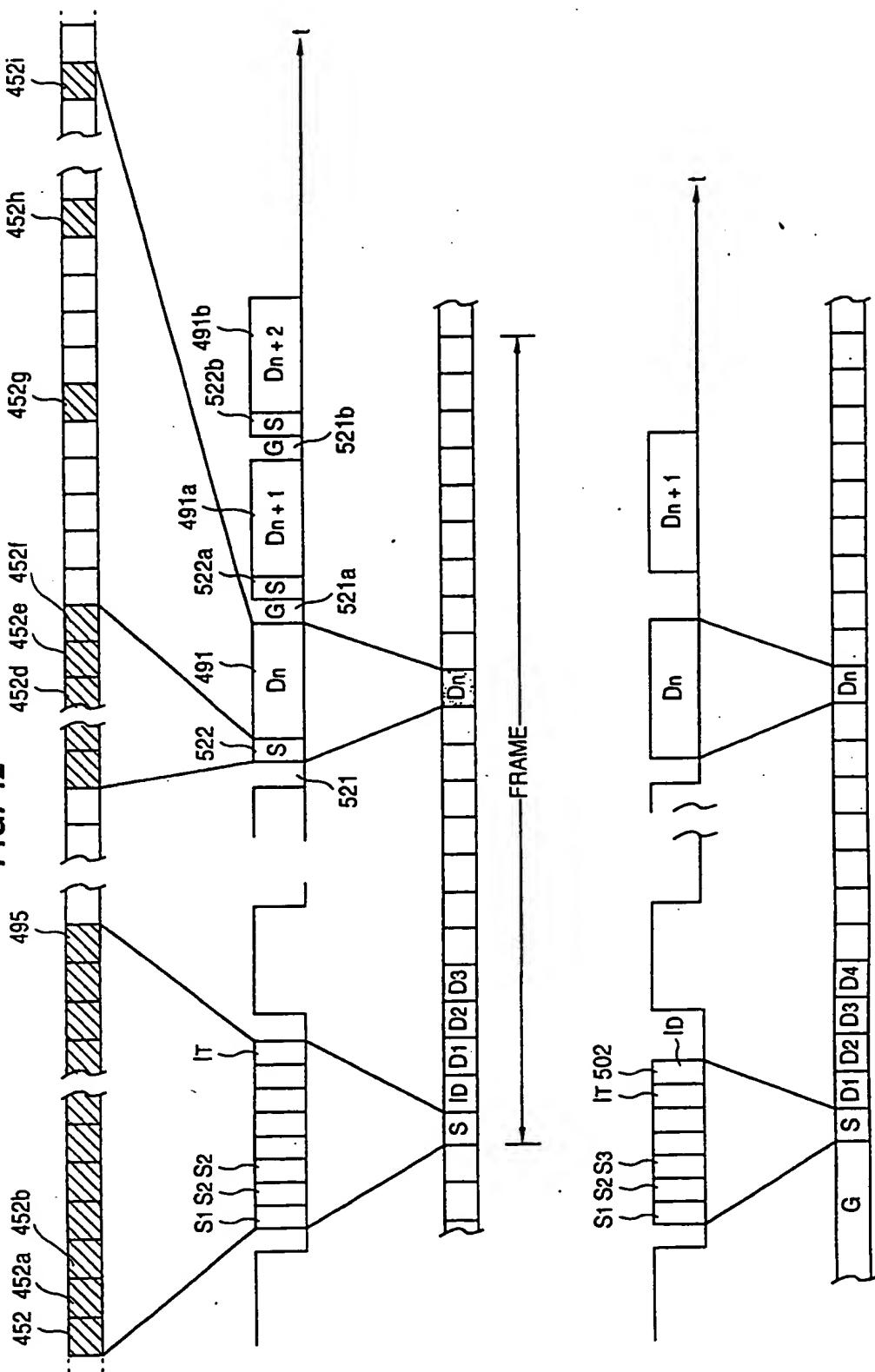
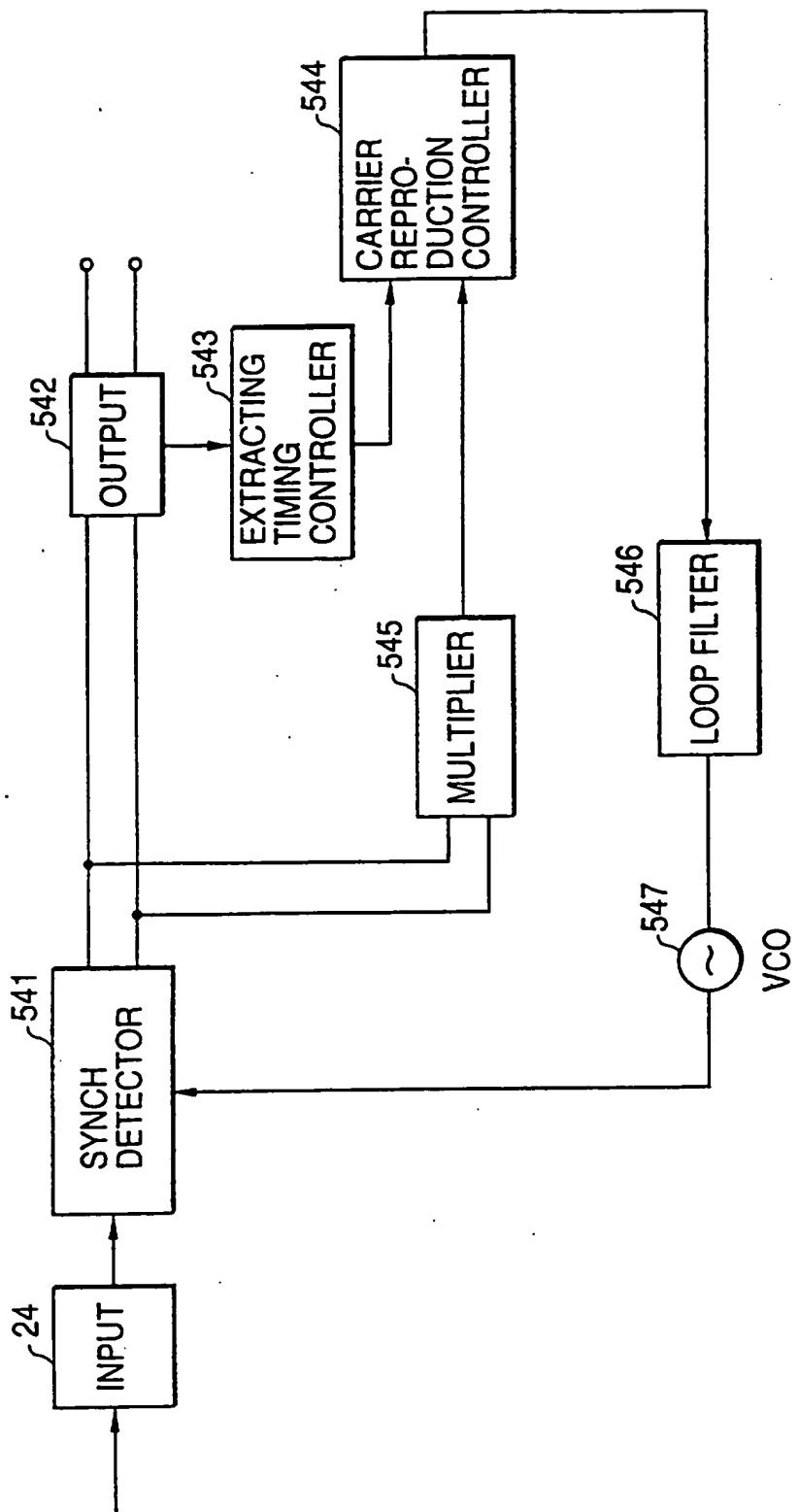
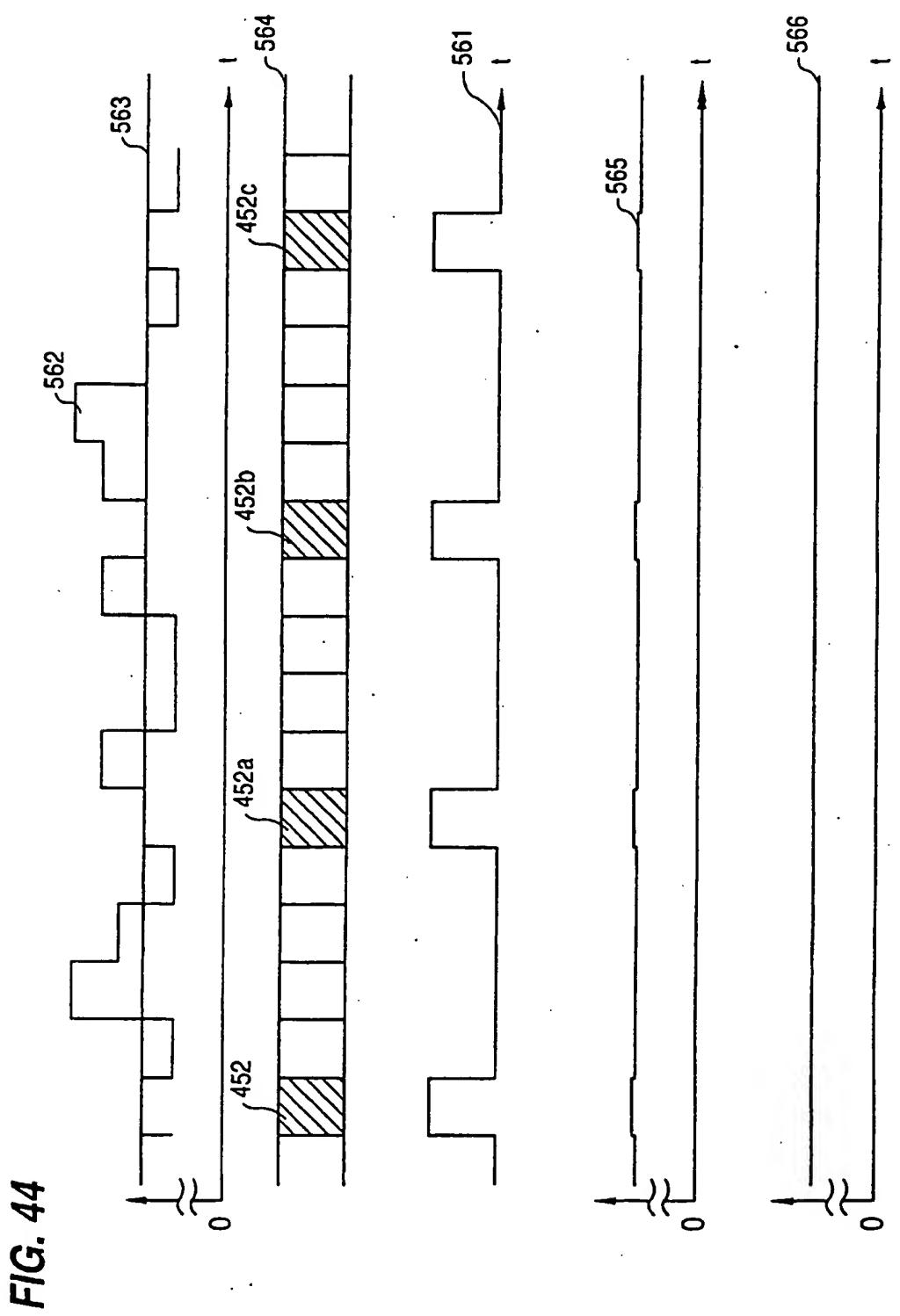


FIG. 43





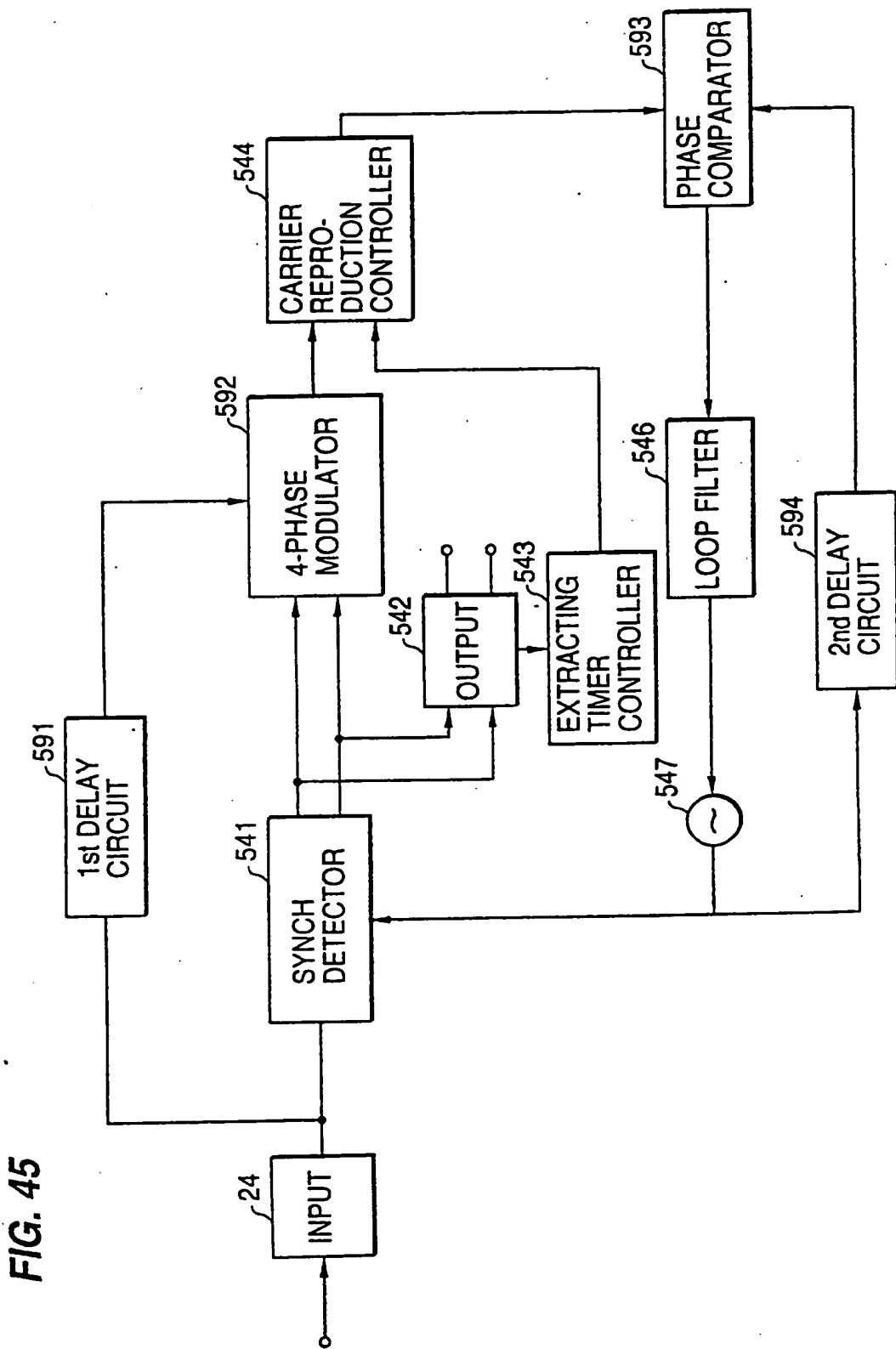
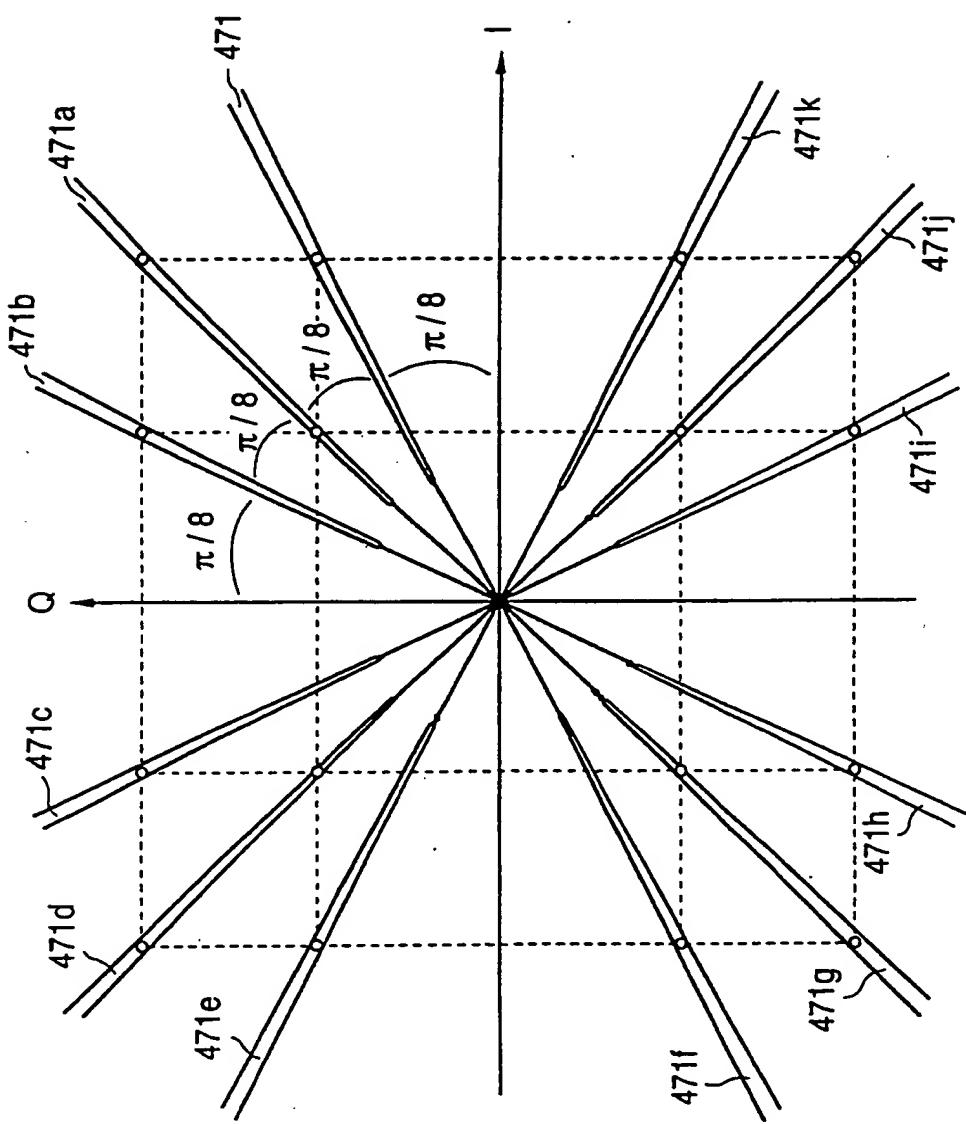


FIG. 46

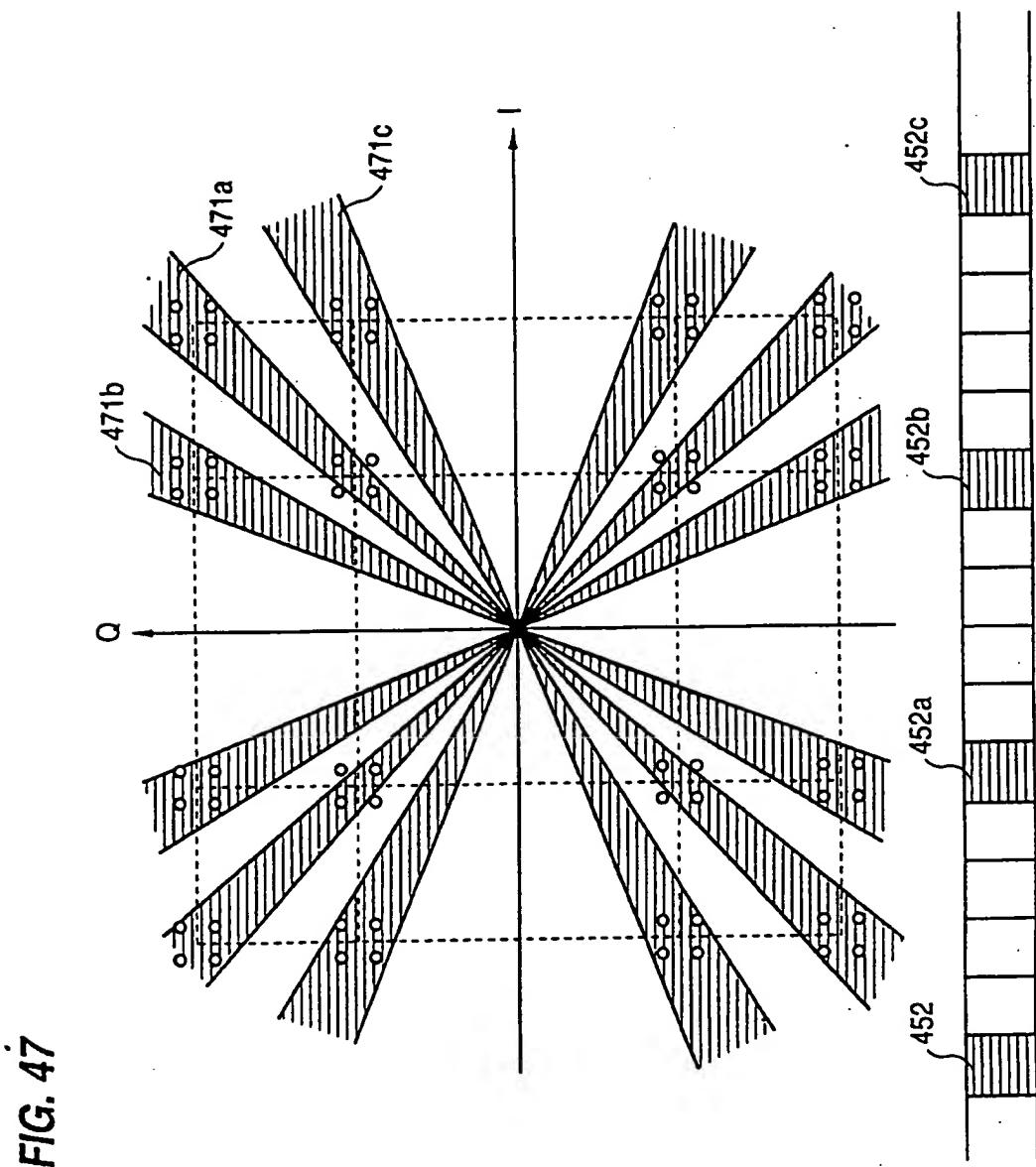


FIG. 48

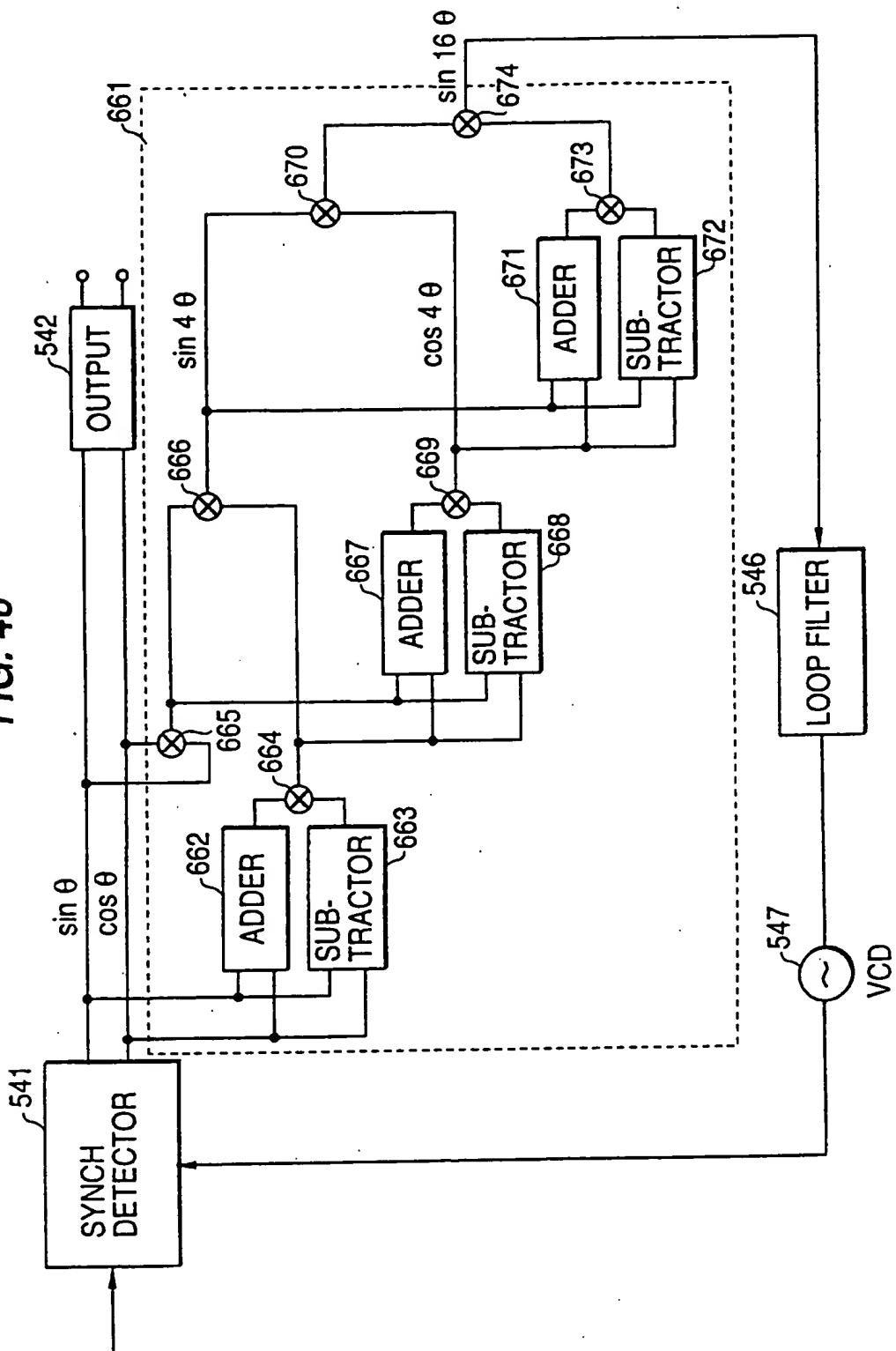


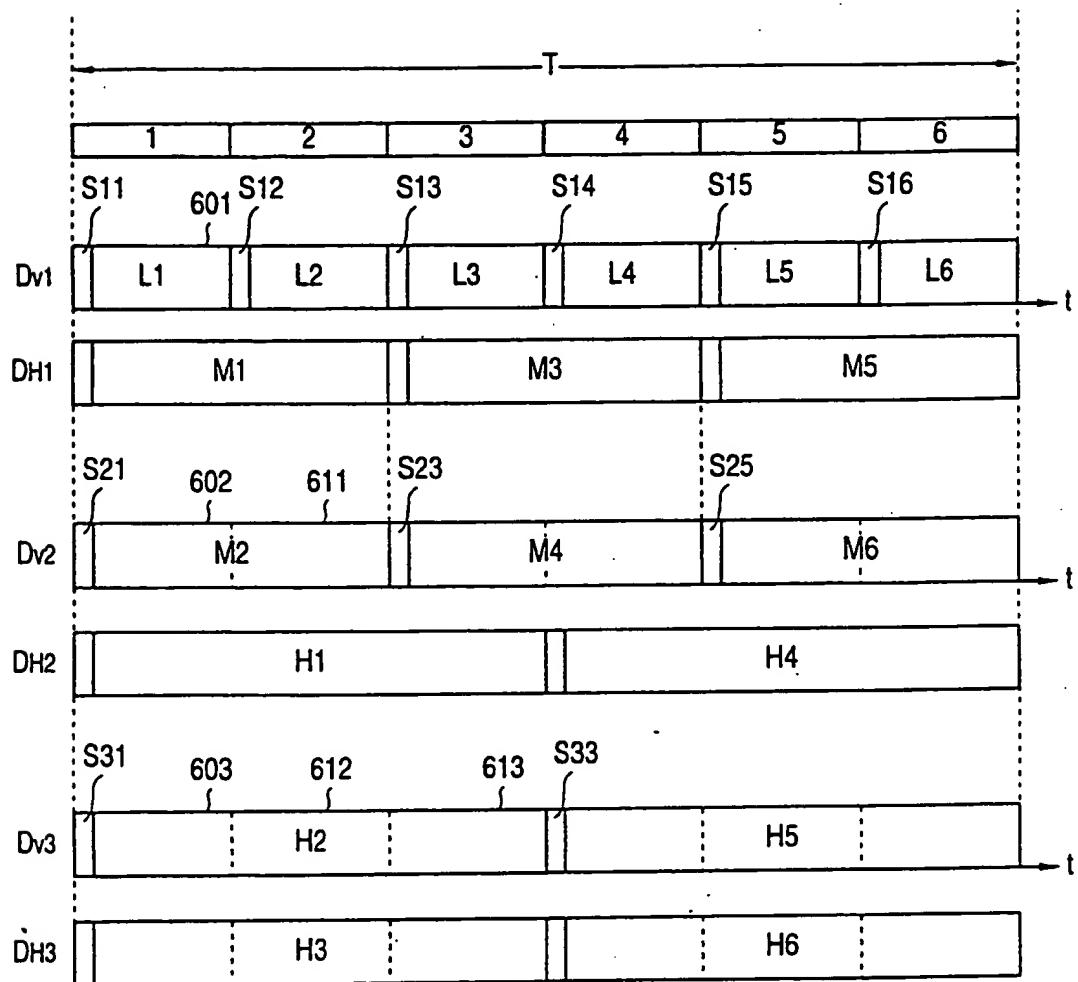
FIG. 49

FIG. 50

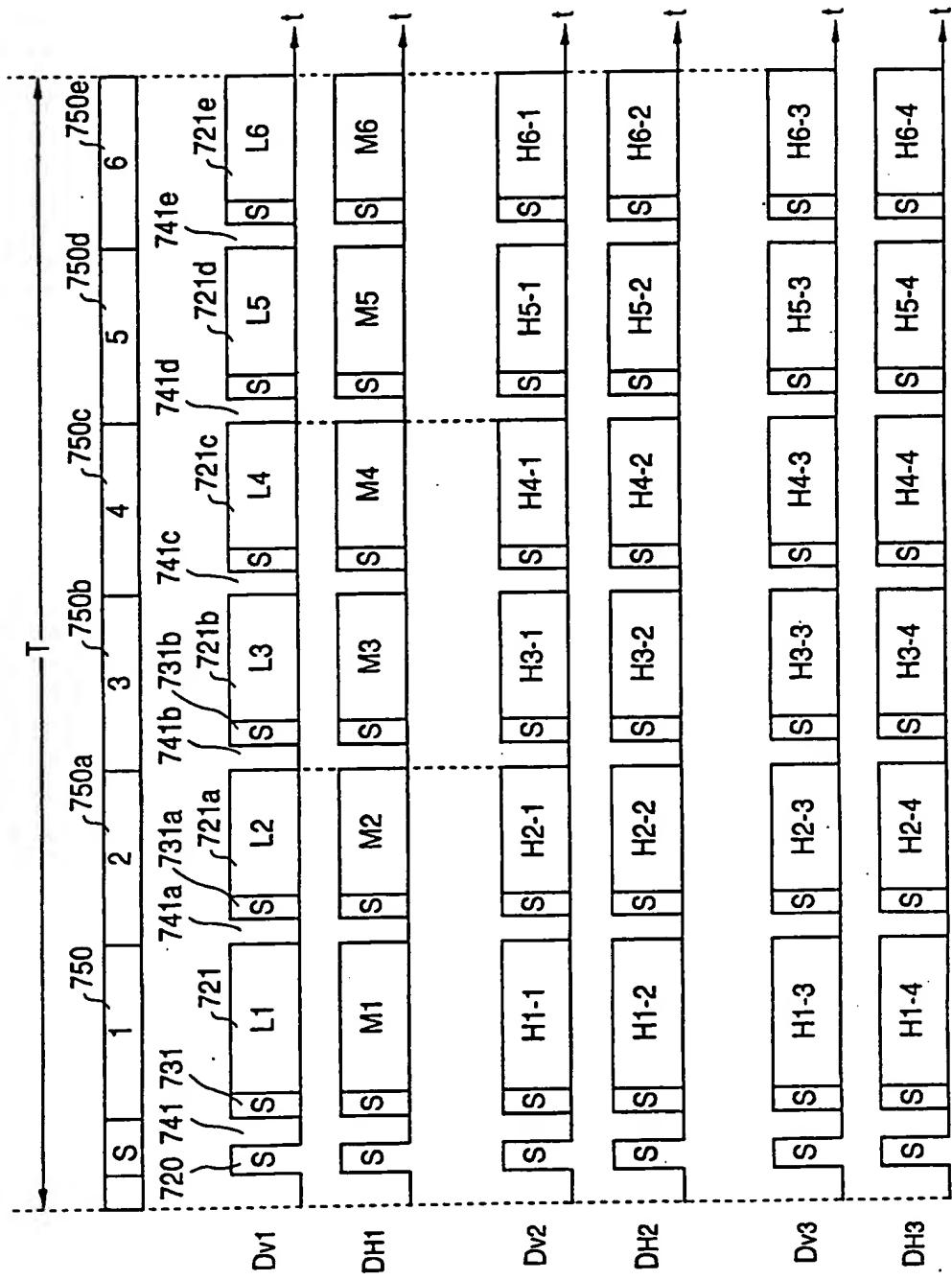


FIG. 51

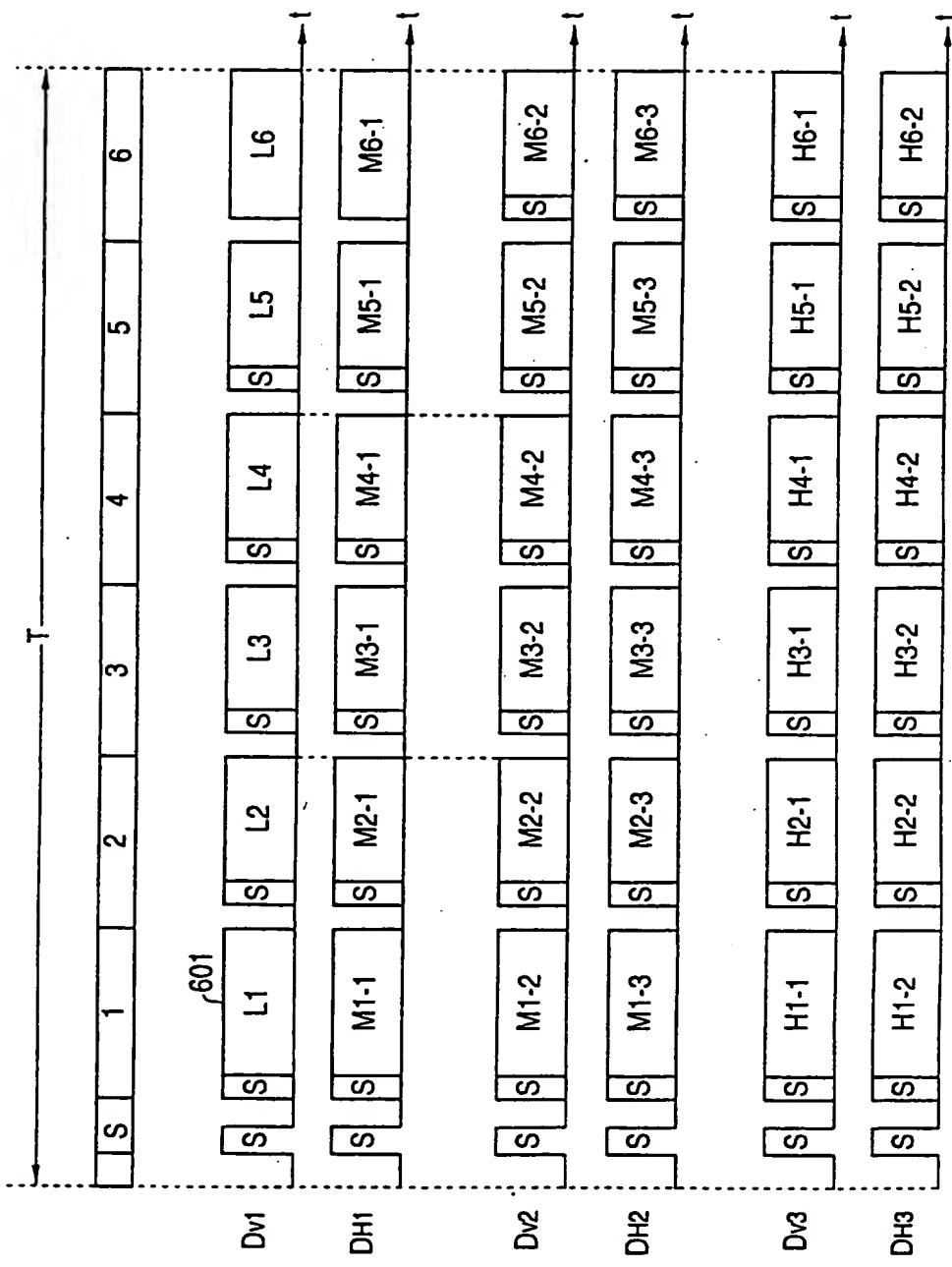


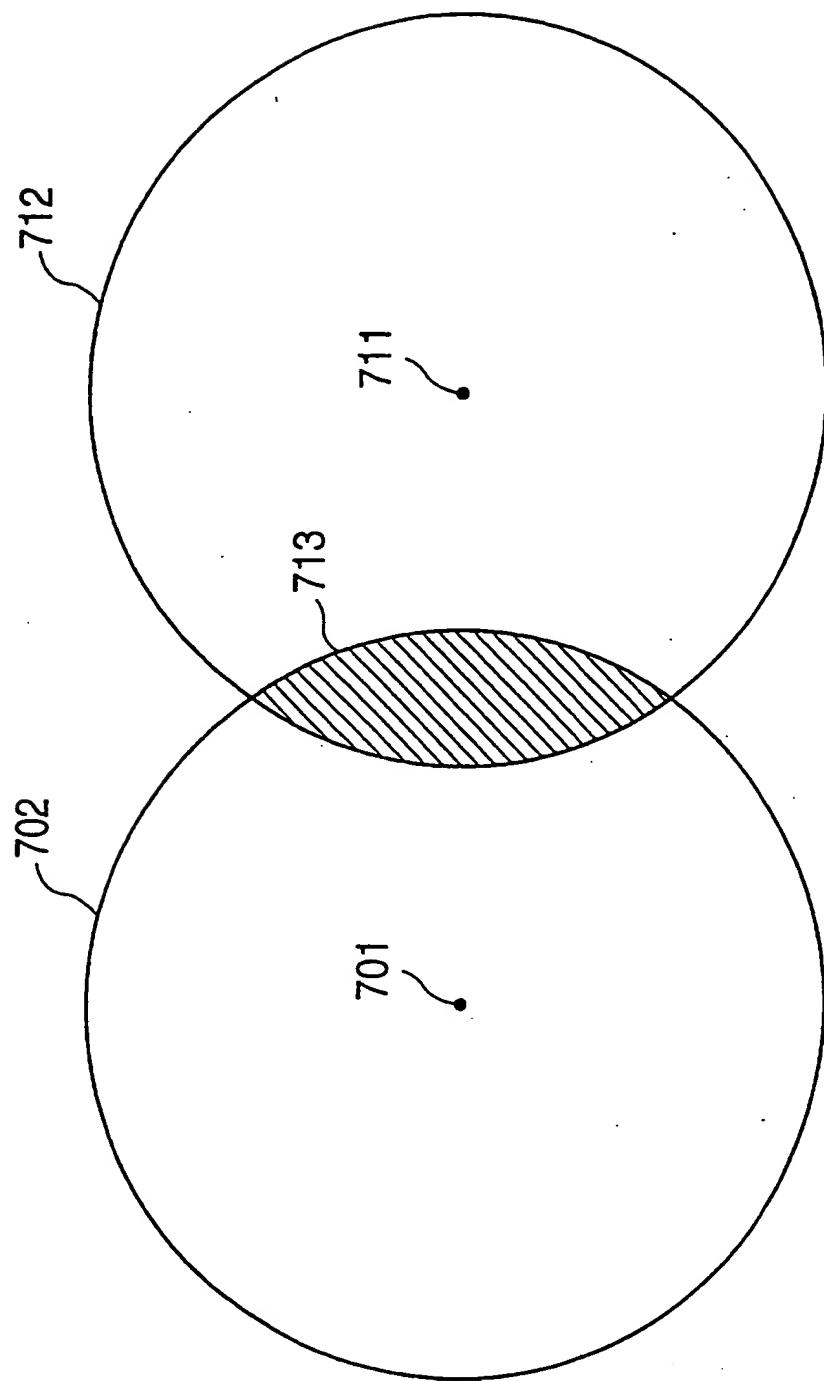
FIG. 52

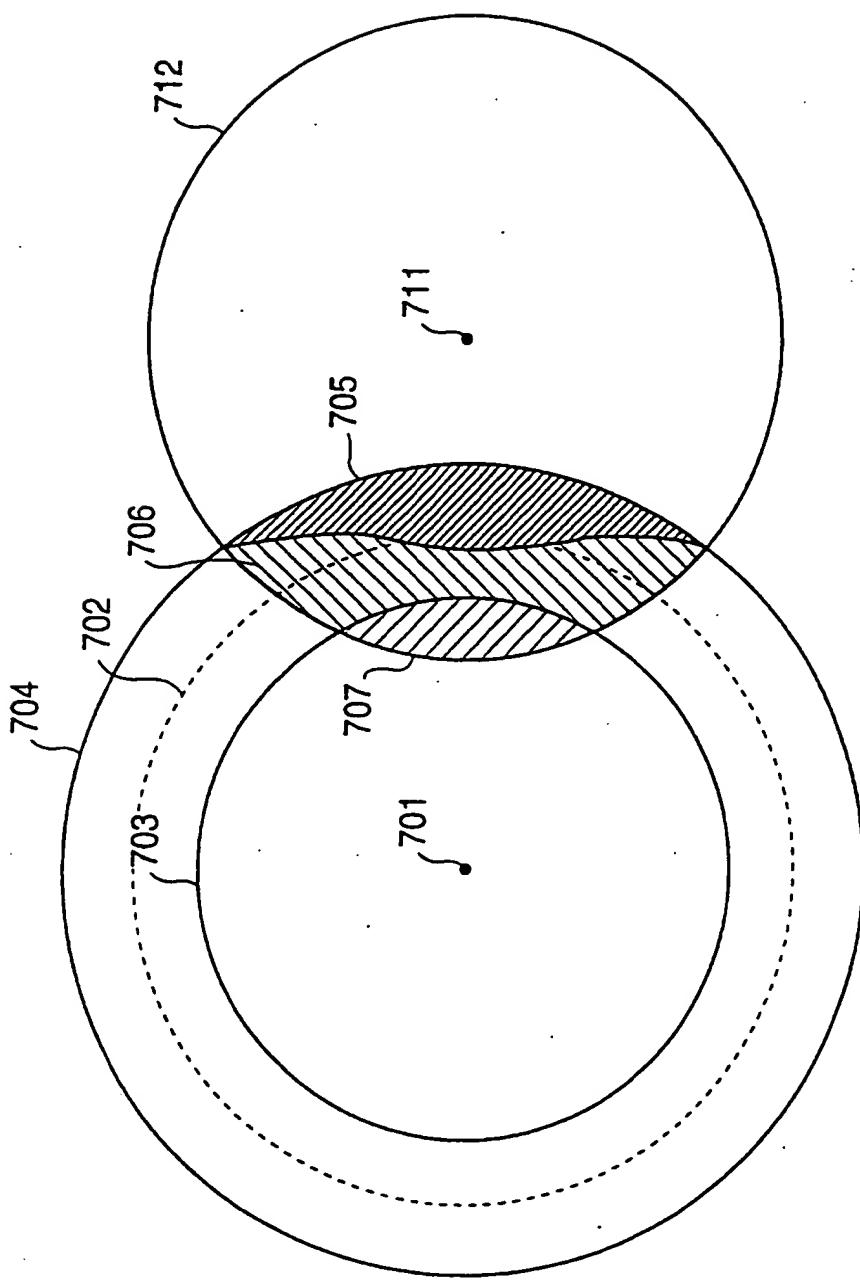
FIG. 53

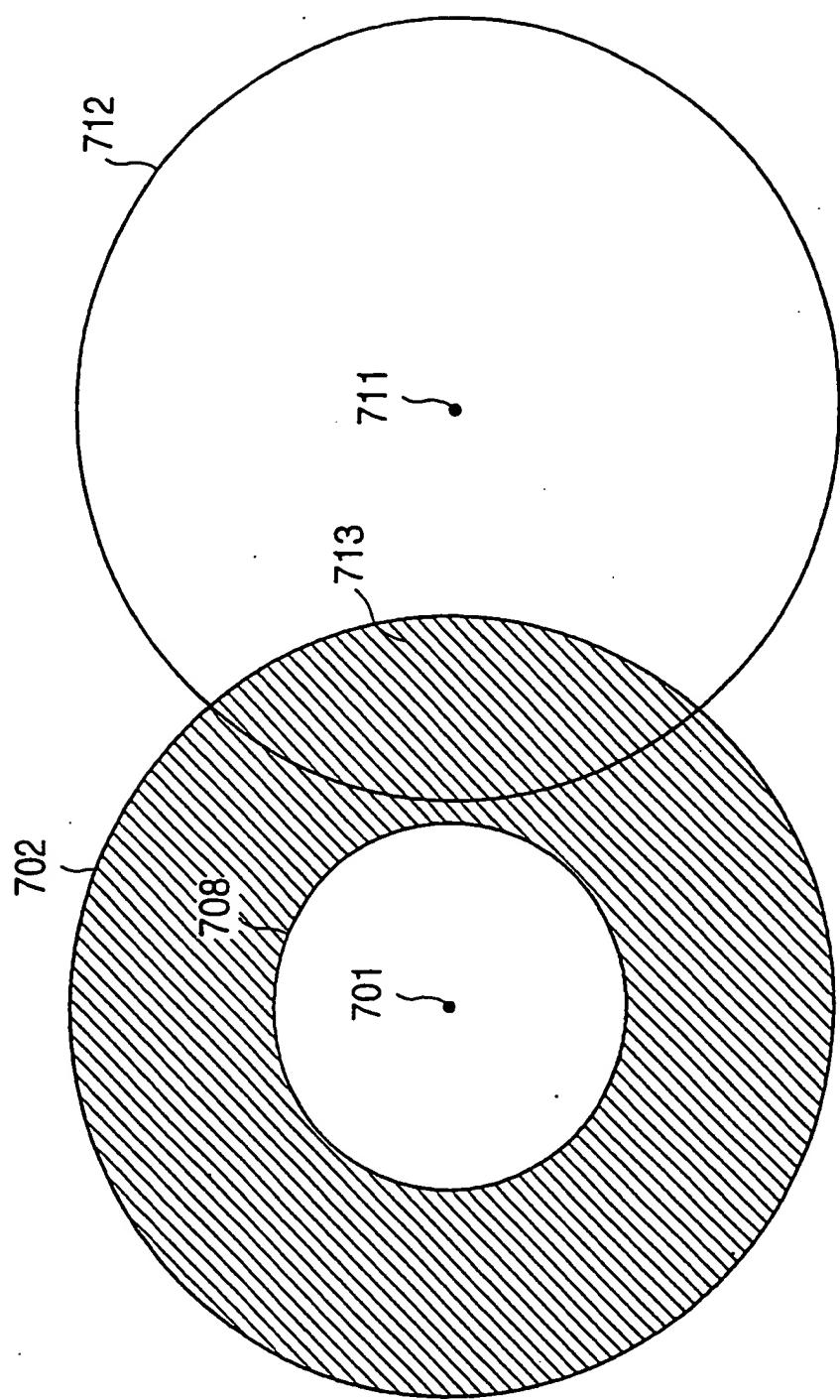
FIG. 54

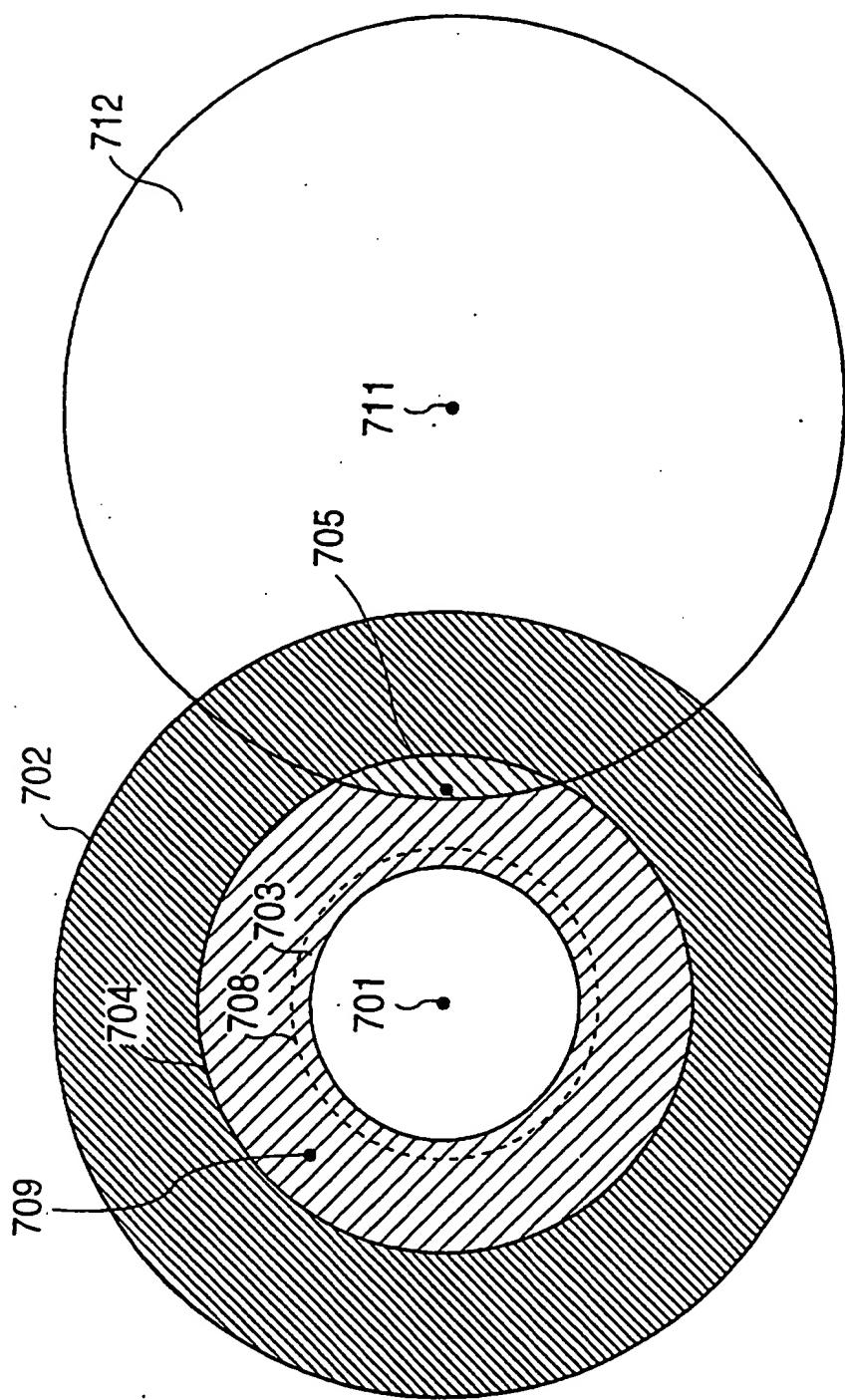
FIG. 55

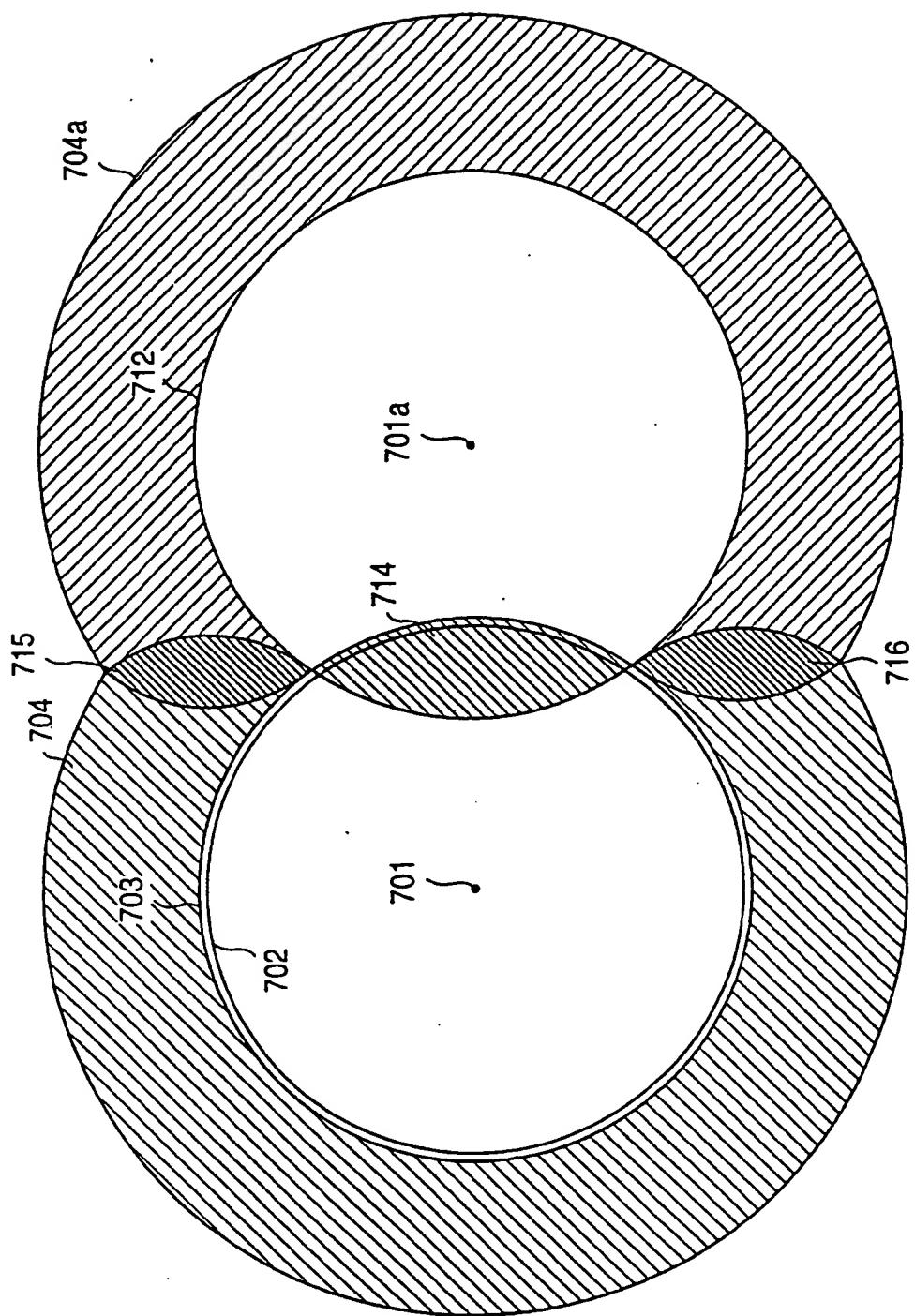
FIG. 56

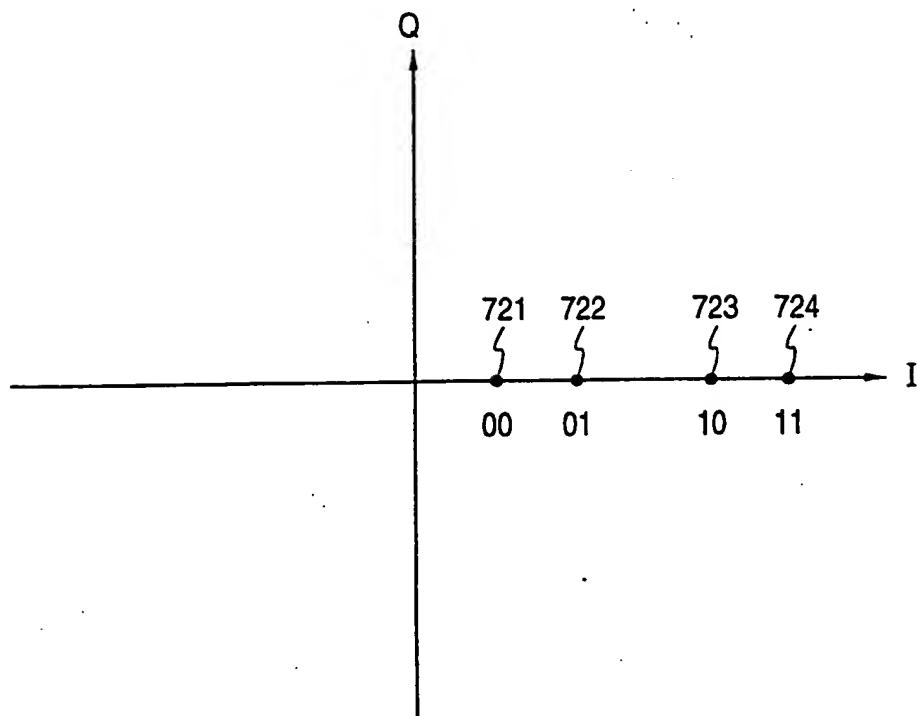
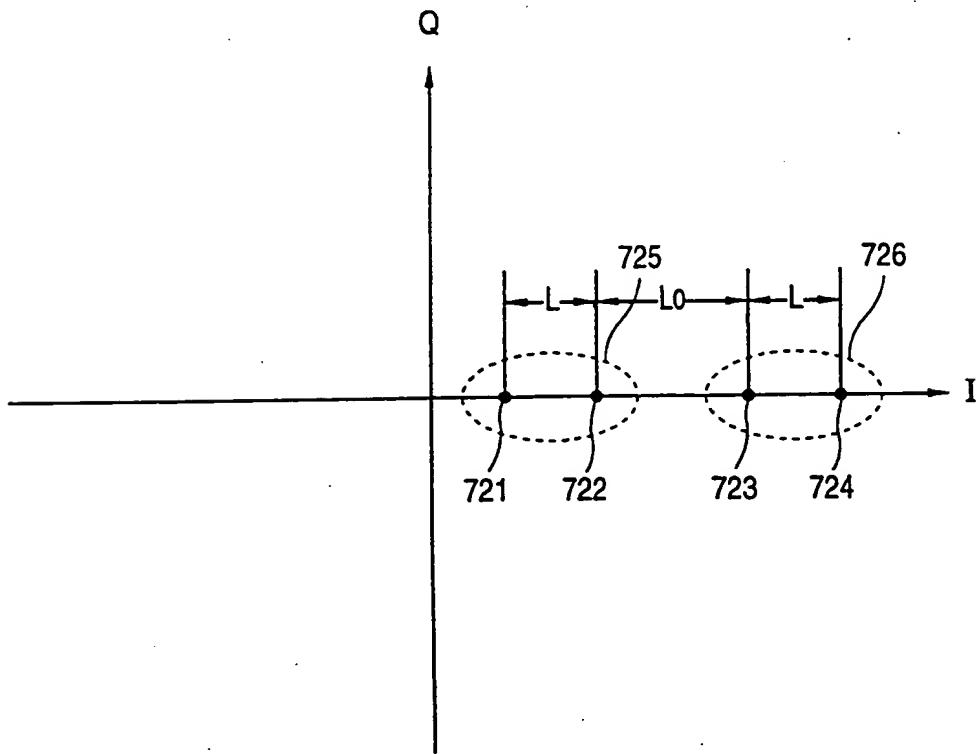
FIG. 57**FIG. 58**

FIG. 59(a)

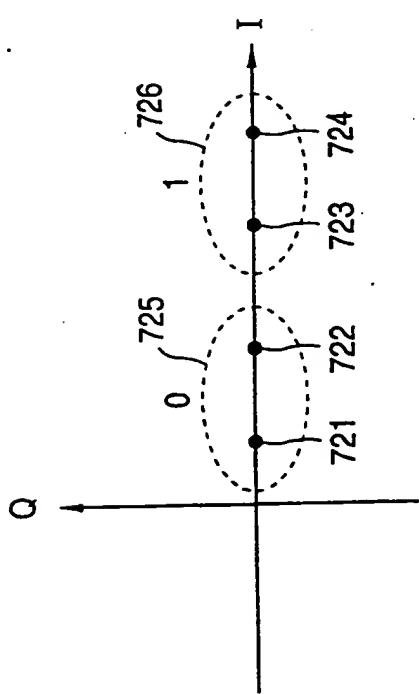


FIG. 59(c)

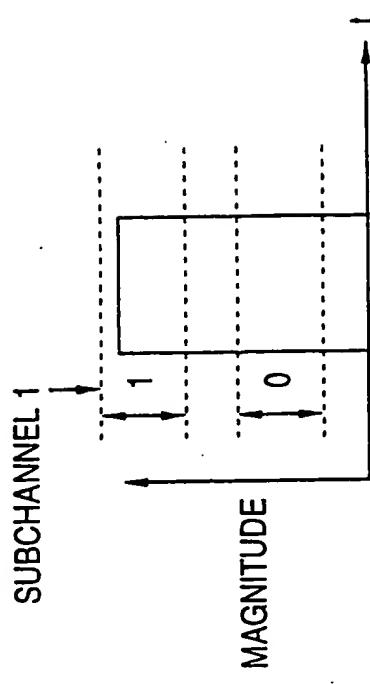


FIG. 59(b)

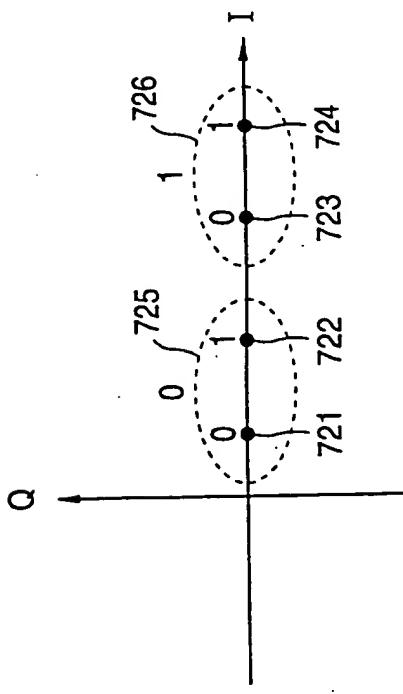
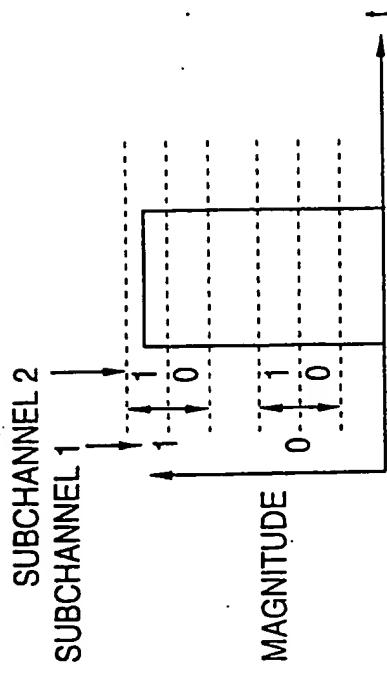


FIG. 59(d)



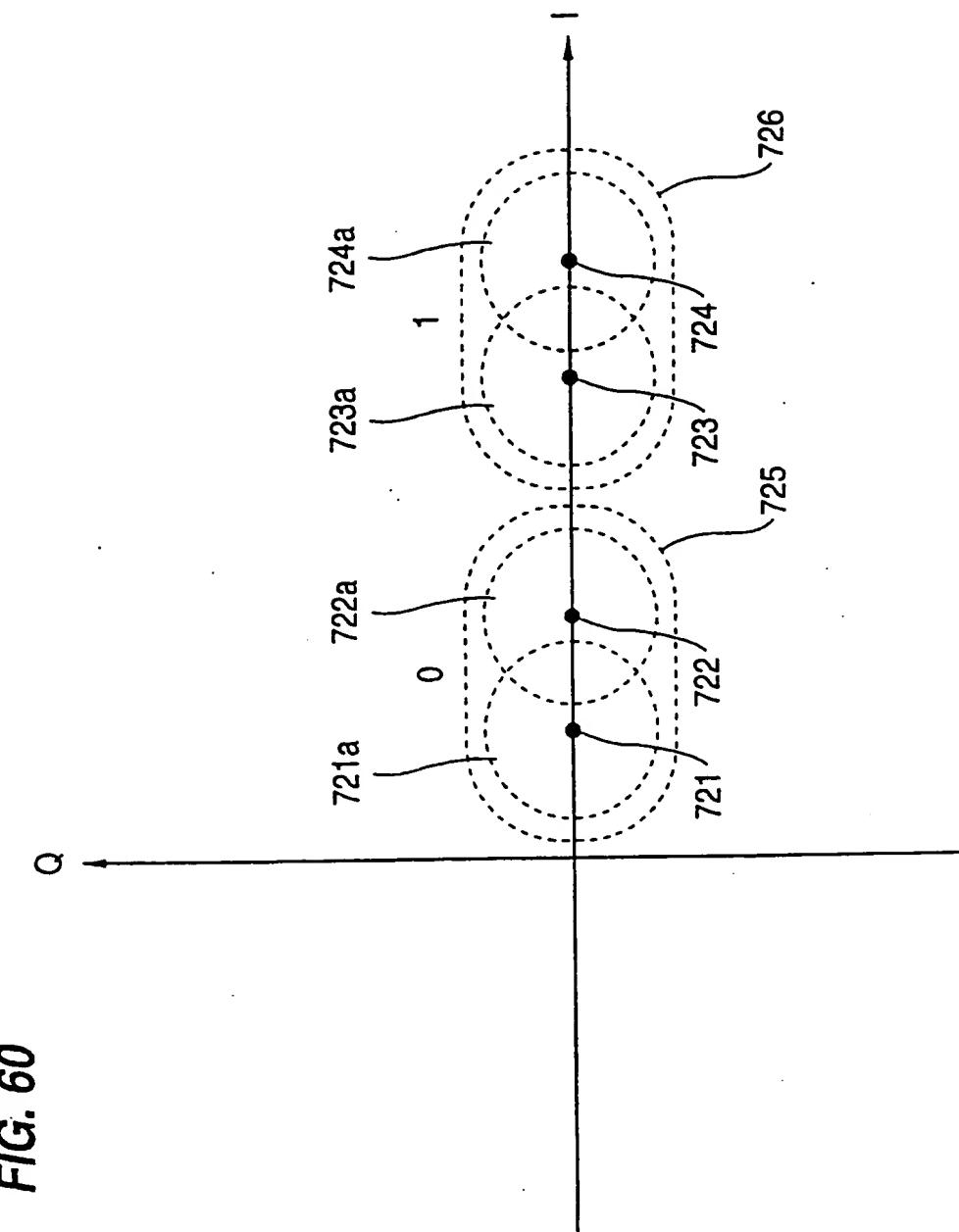


FIG. 60

FIG. 61

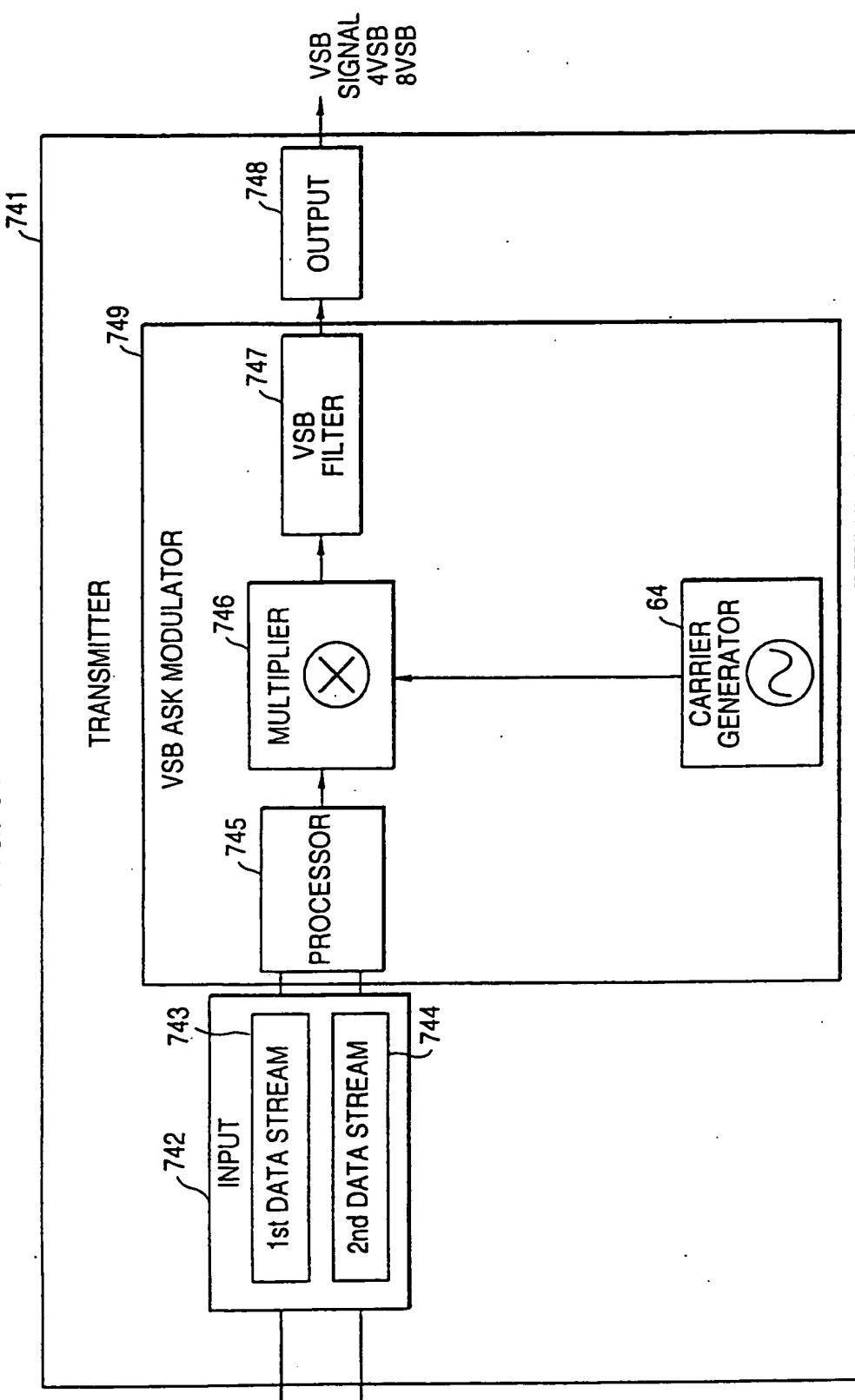


FIG. 62(a)
SPECTRUM OF ASK SIGNAL

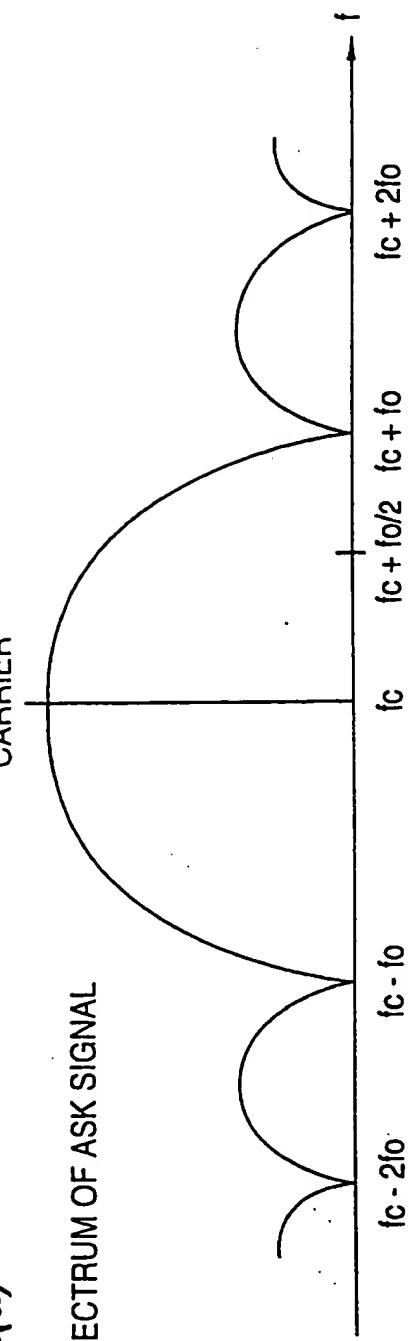


FIG. 62(b)

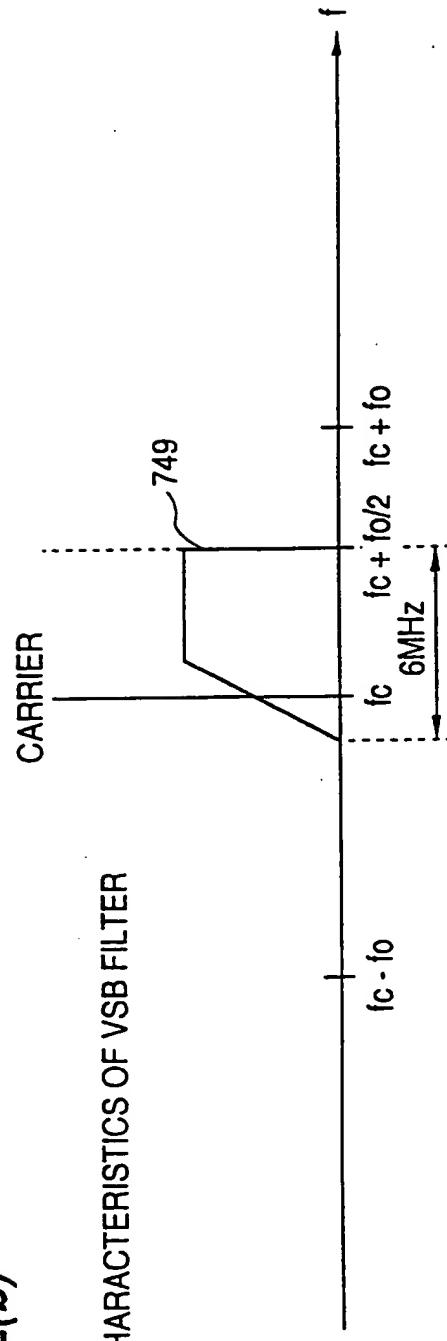
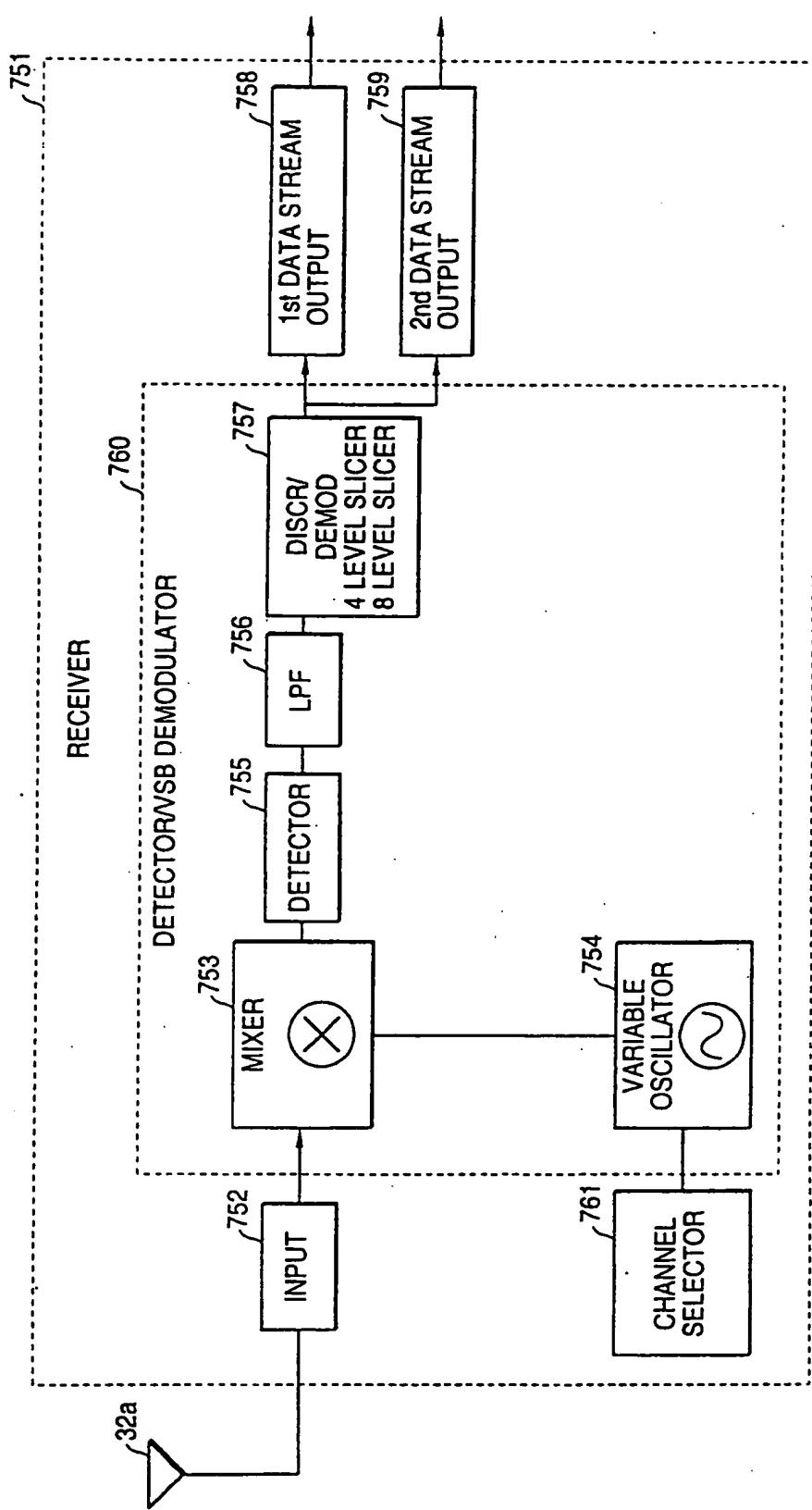
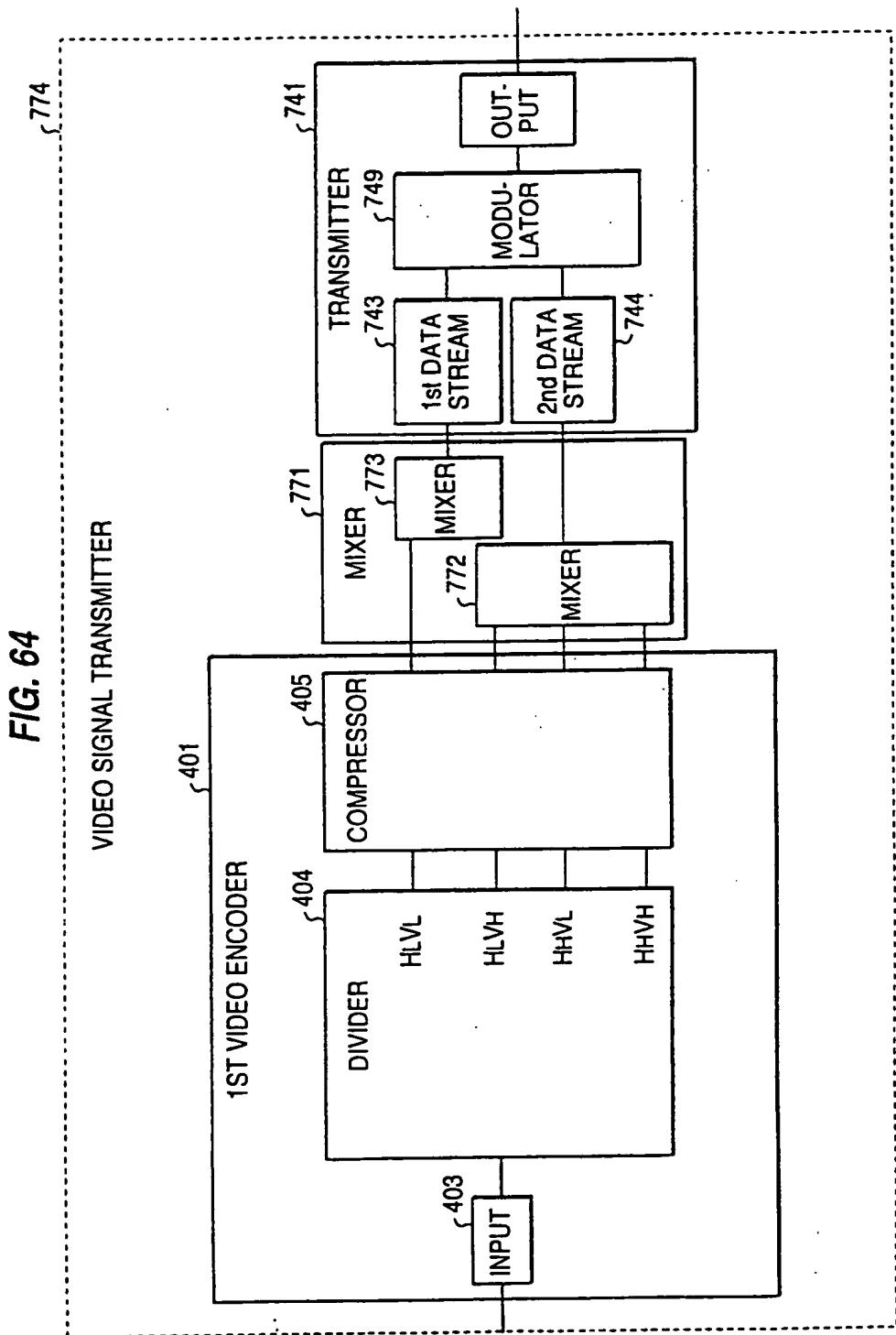
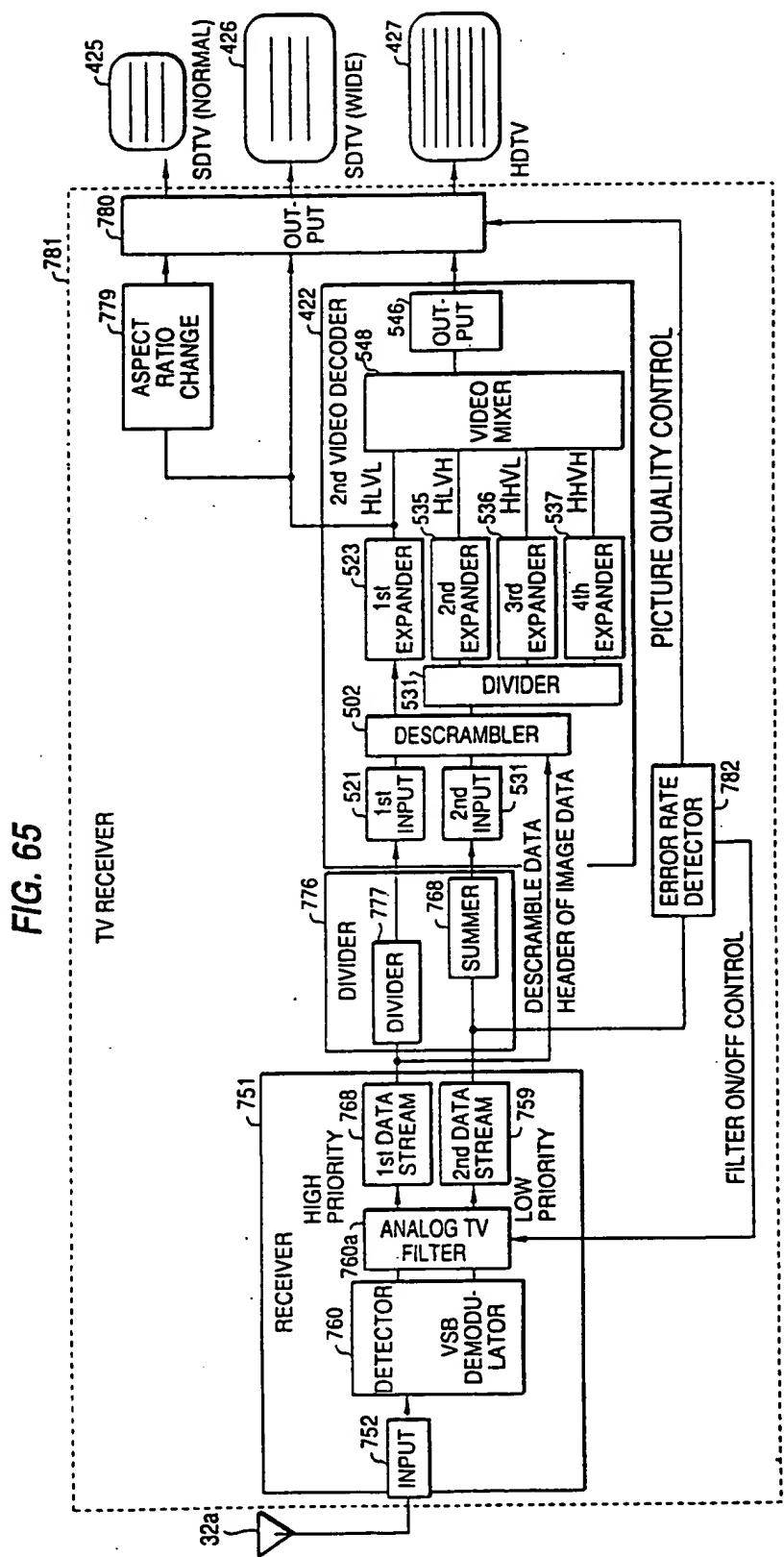
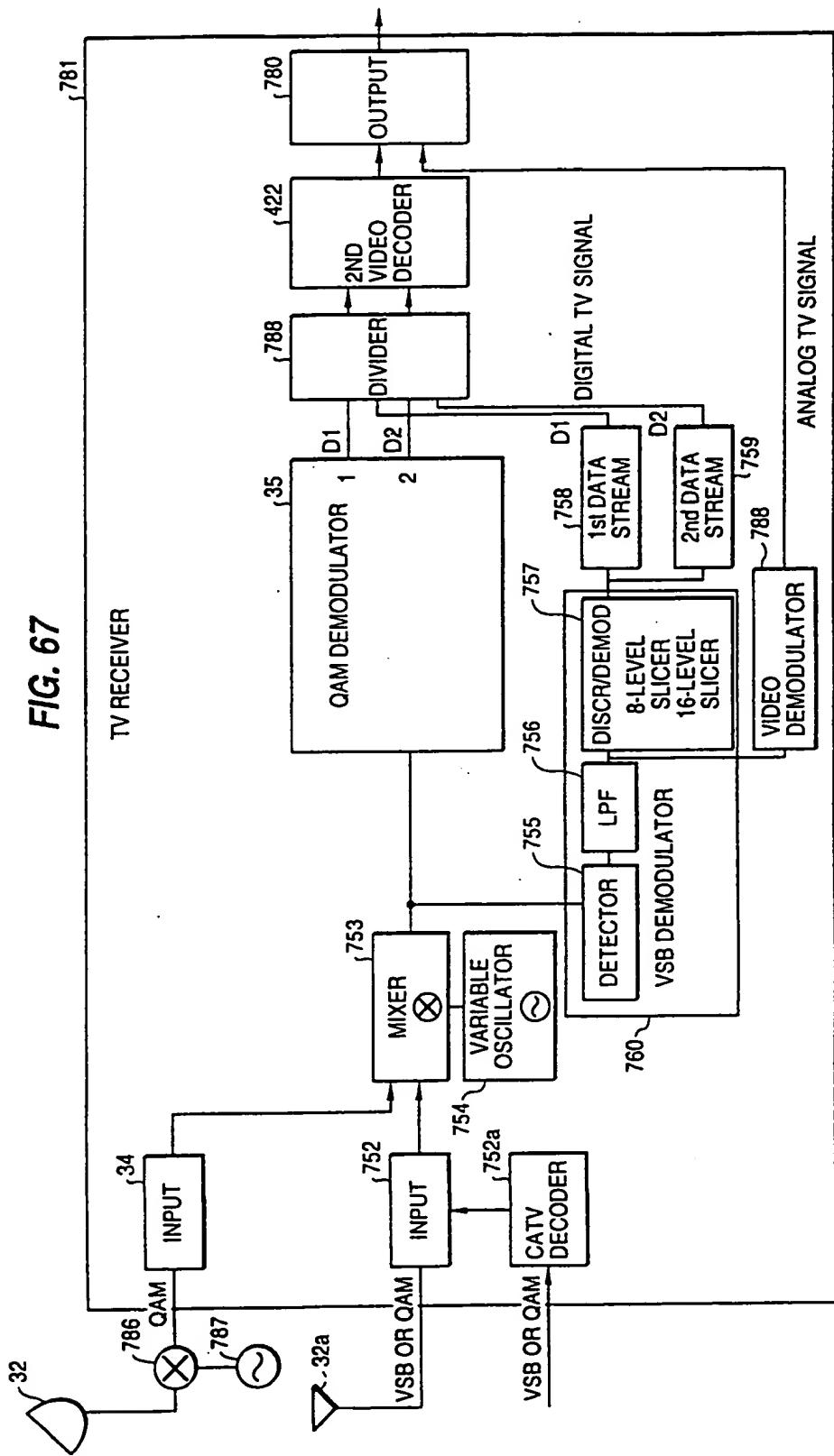


FIG. 63

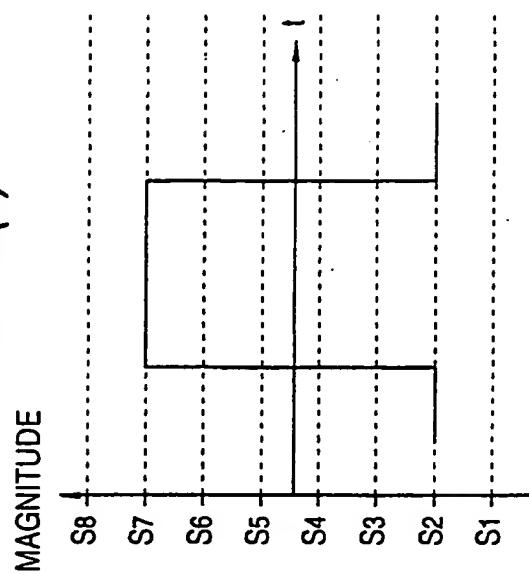








The diagram illustrates an 8-VSB (Vertical Slice) modulator. A horizontal line represents the 8 slice levels, labeled from left to right as D1, 0, 1, 0, -1, 0, 1, and -0. Above this line, a vertical axis is labeled "Q". To the right, a series of dashed circles represent QPSK symbols, each containing two points. The symbols are grouped into four pairs, labeled 721, 722, 723, and 724. Each symbol pair is associated with a specific slice level. The labels for the symbols are: 721a, 721b, 722a, 722b, 723a, 723b, 724a, and 724b. The top label "8 - VSB" is positioned above the first two symbols.



8-VSB ($L = L_0$)

FIG. 69

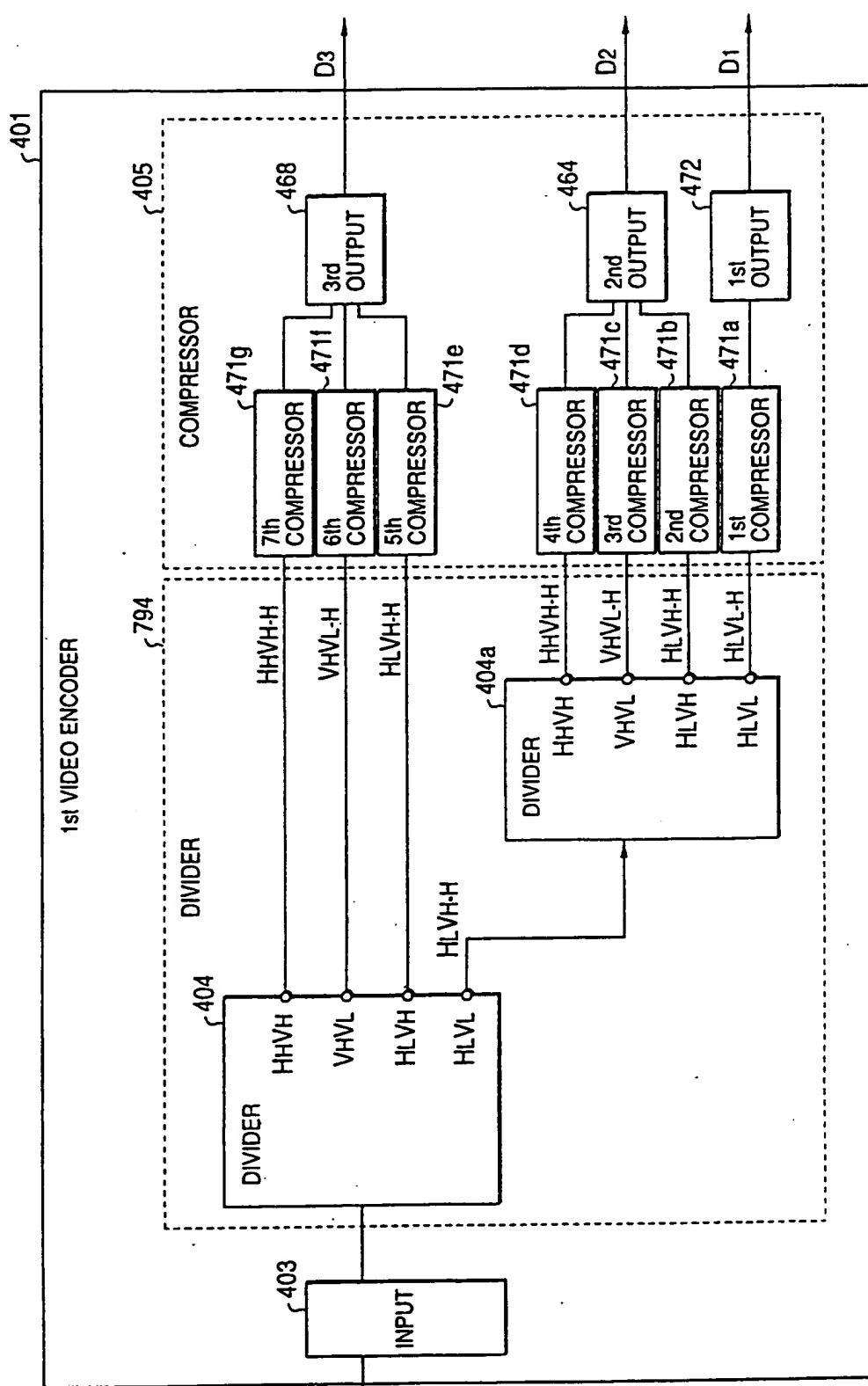


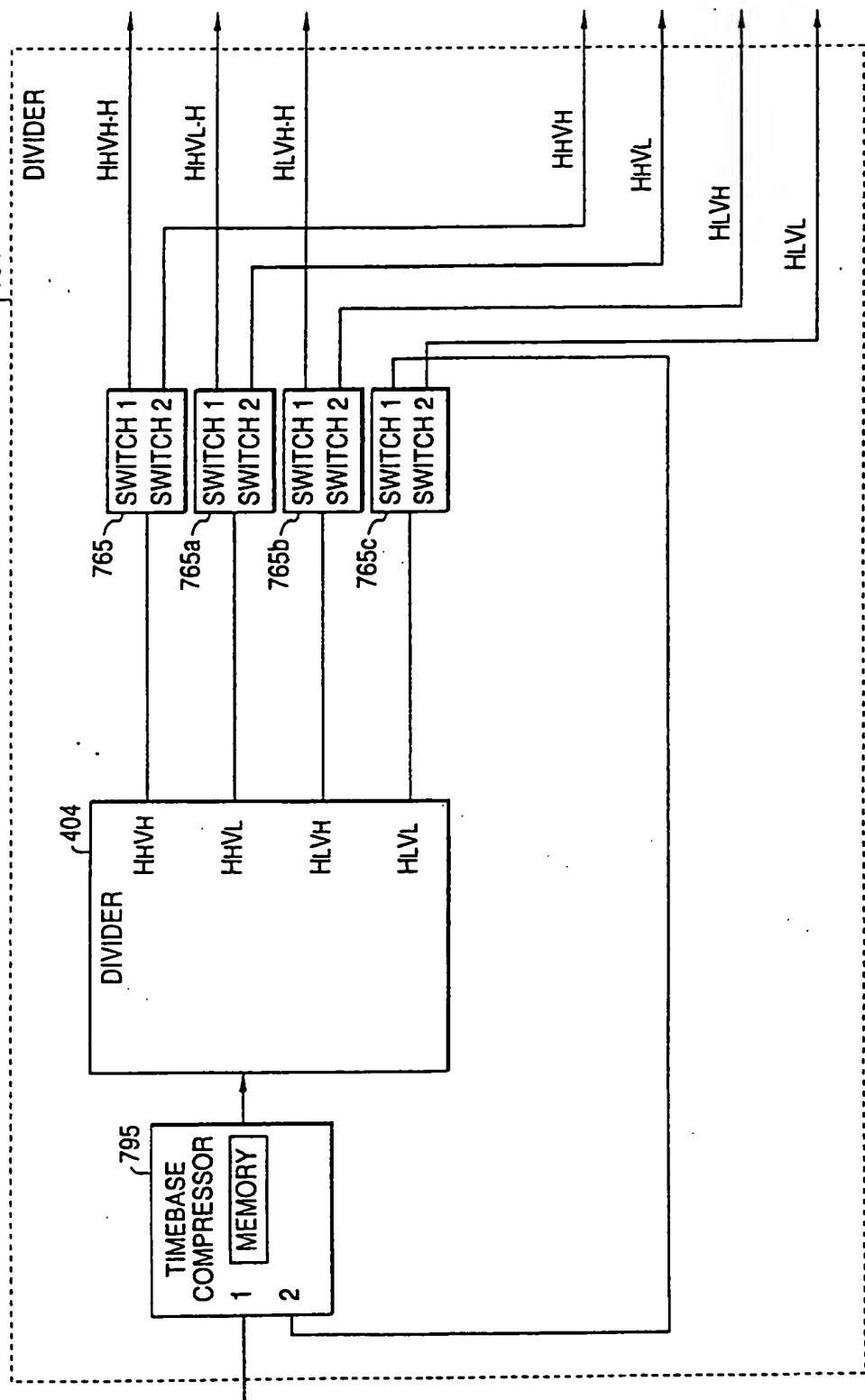
FIG. 70

FIG. 71

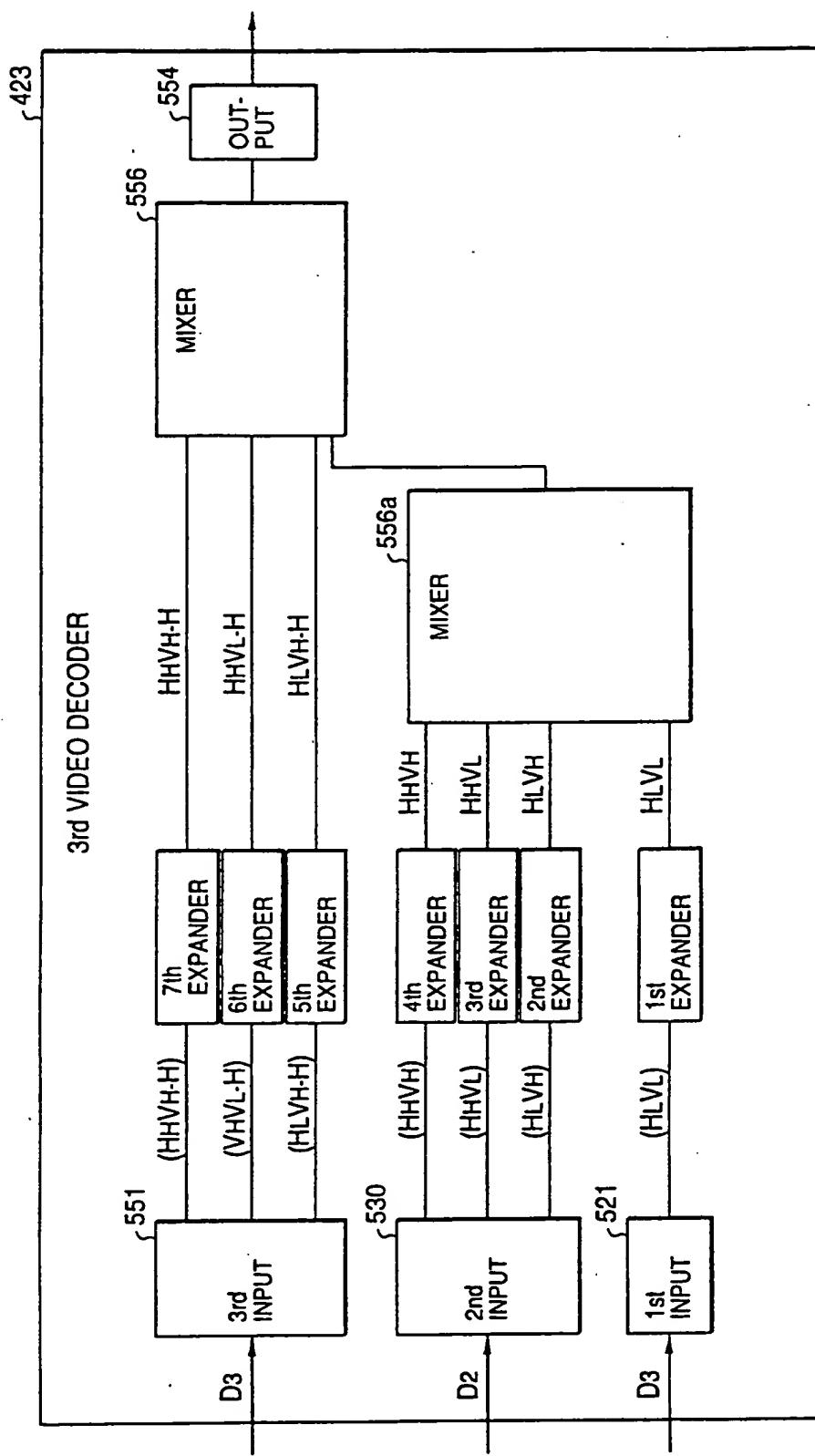


FIG. 72

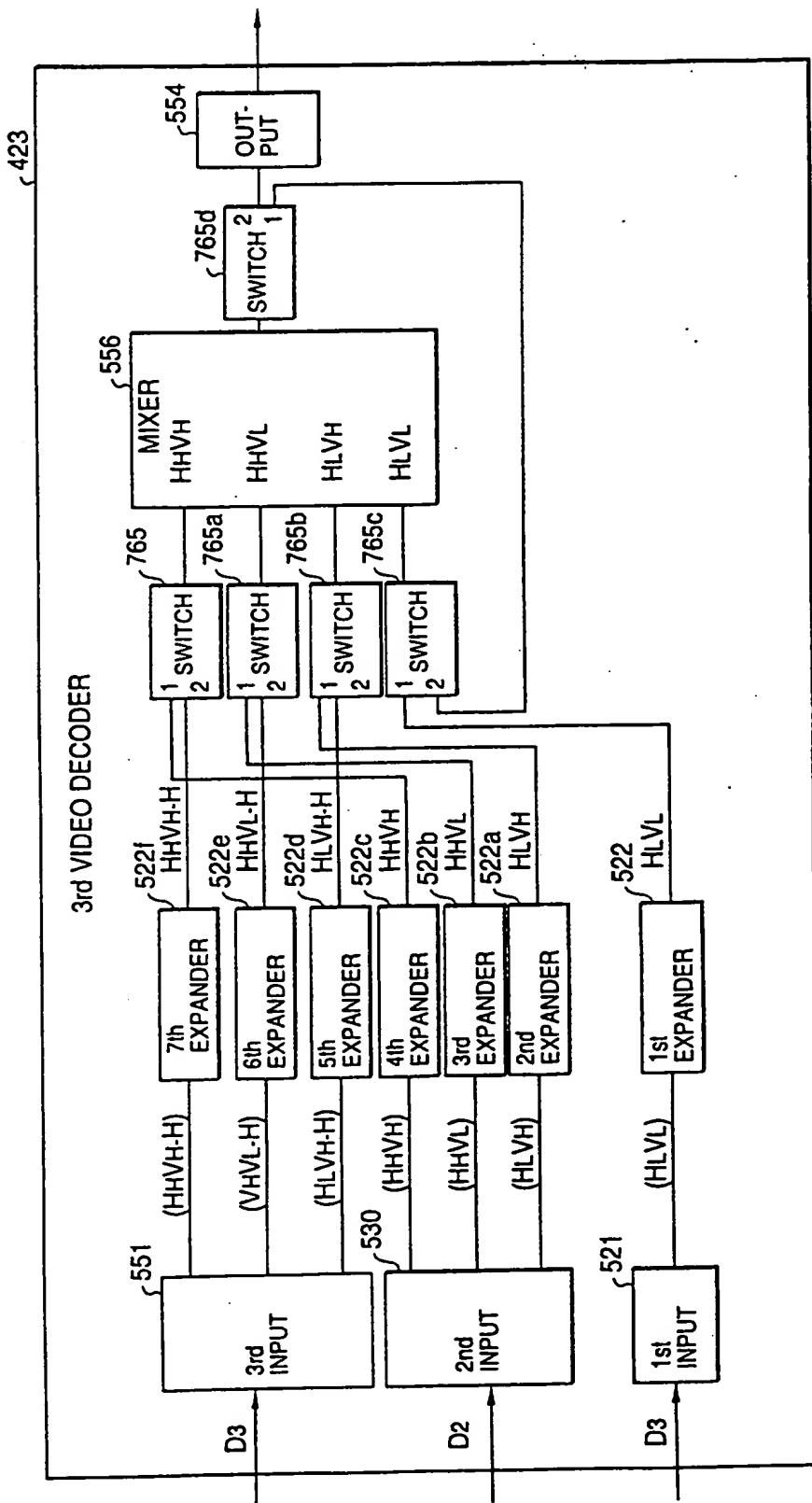


FIG. 73

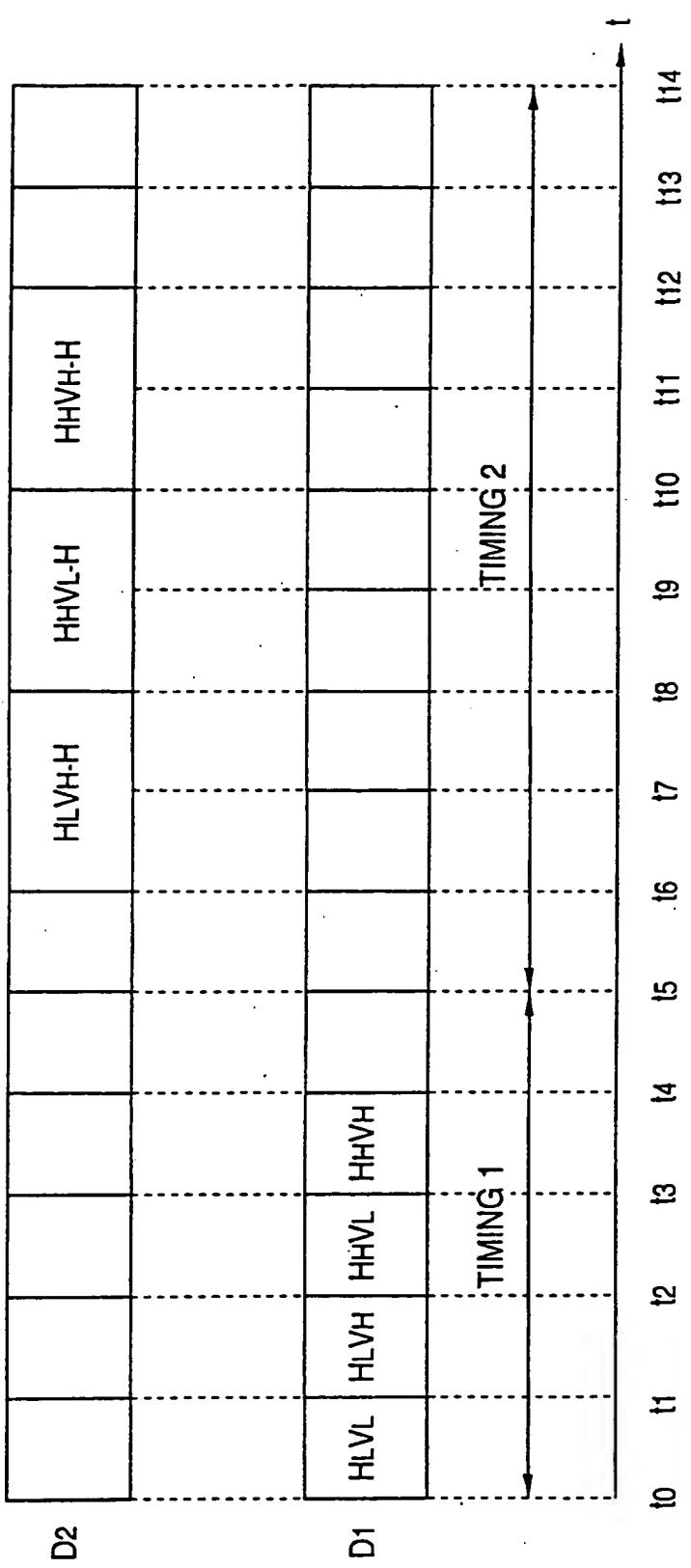


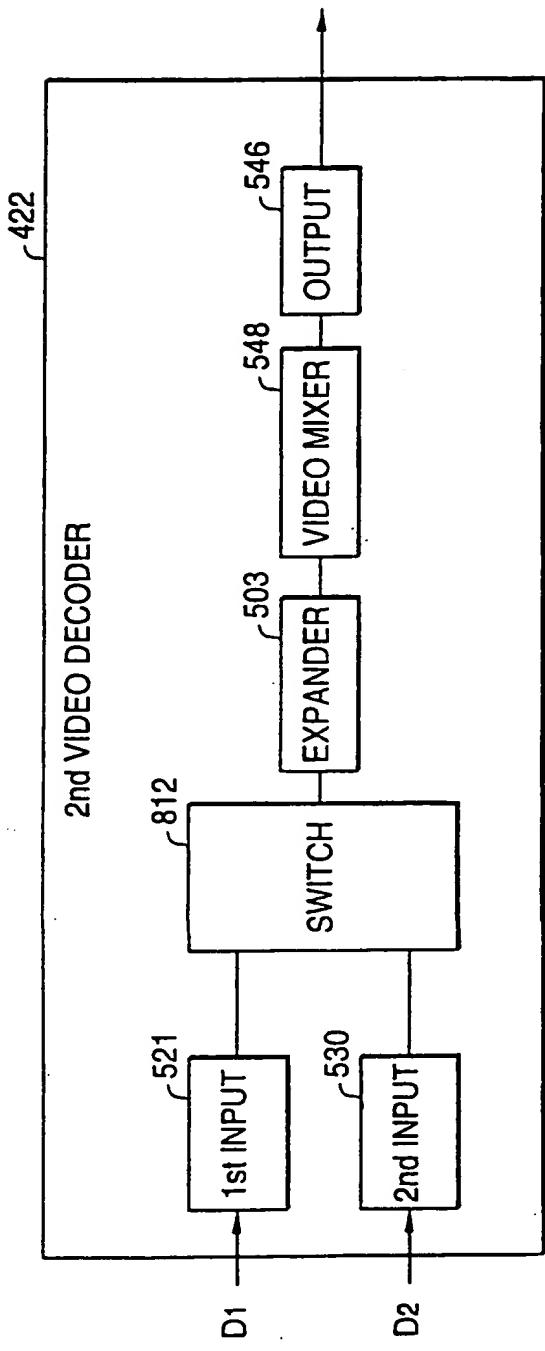
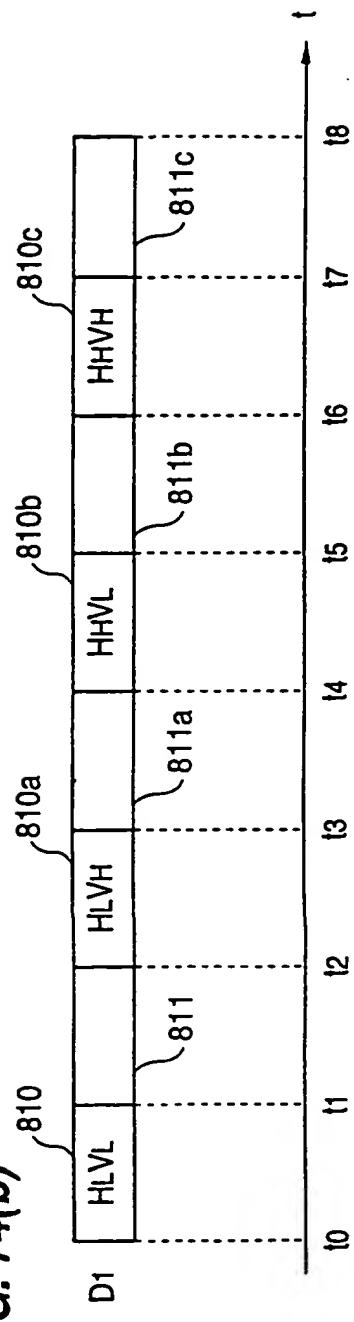
FIG. 74(a)**FIG. 74(b)**

FIG. 75

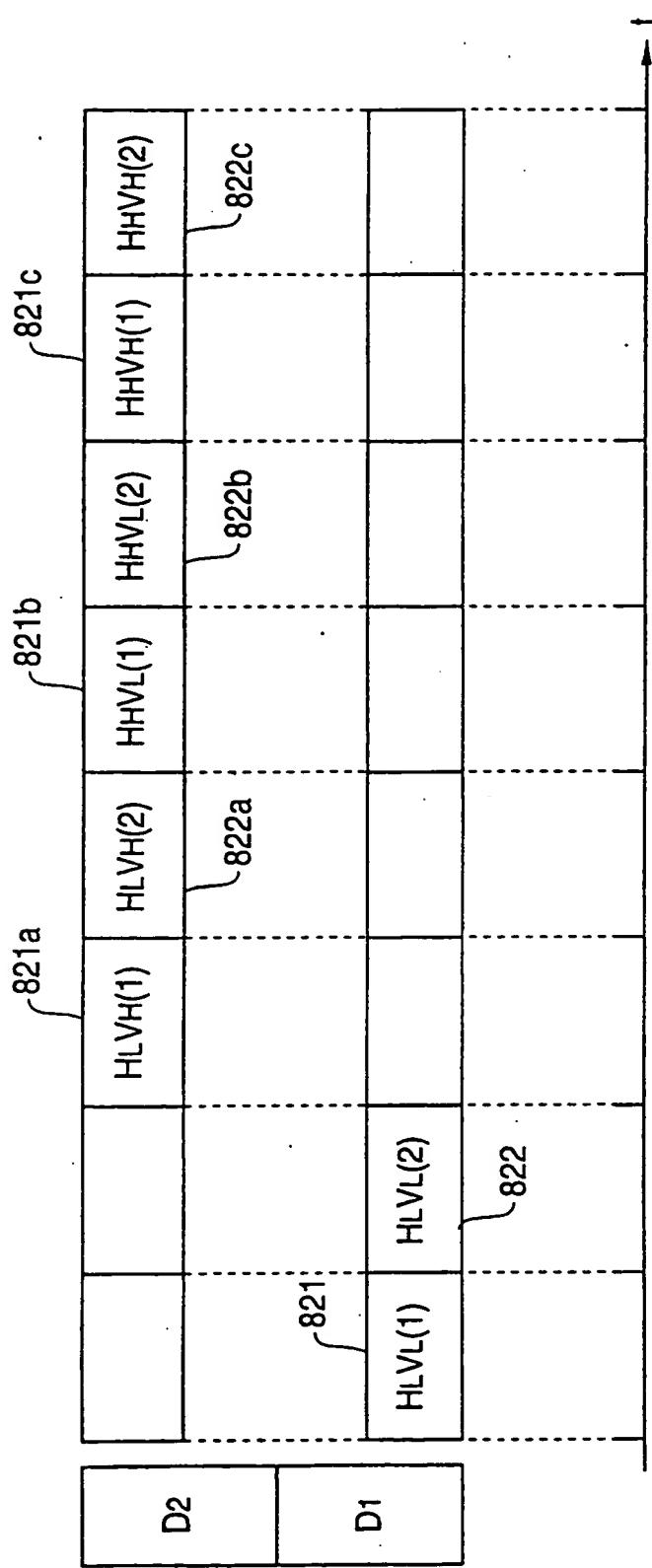


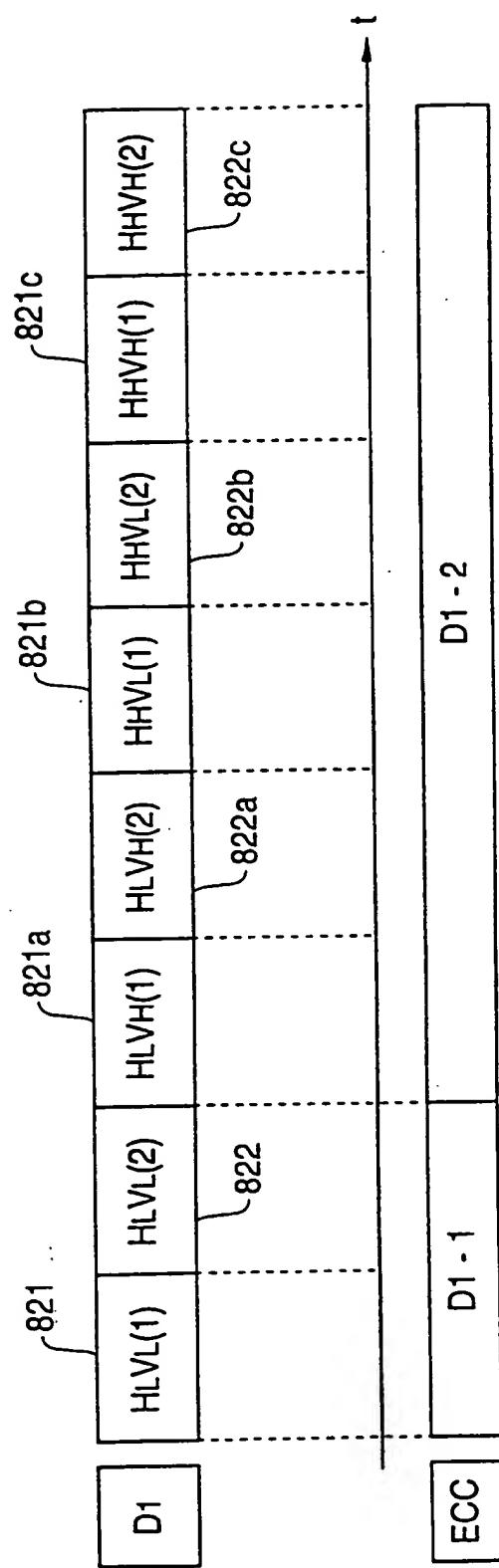
FIG. 76

FIG. 77

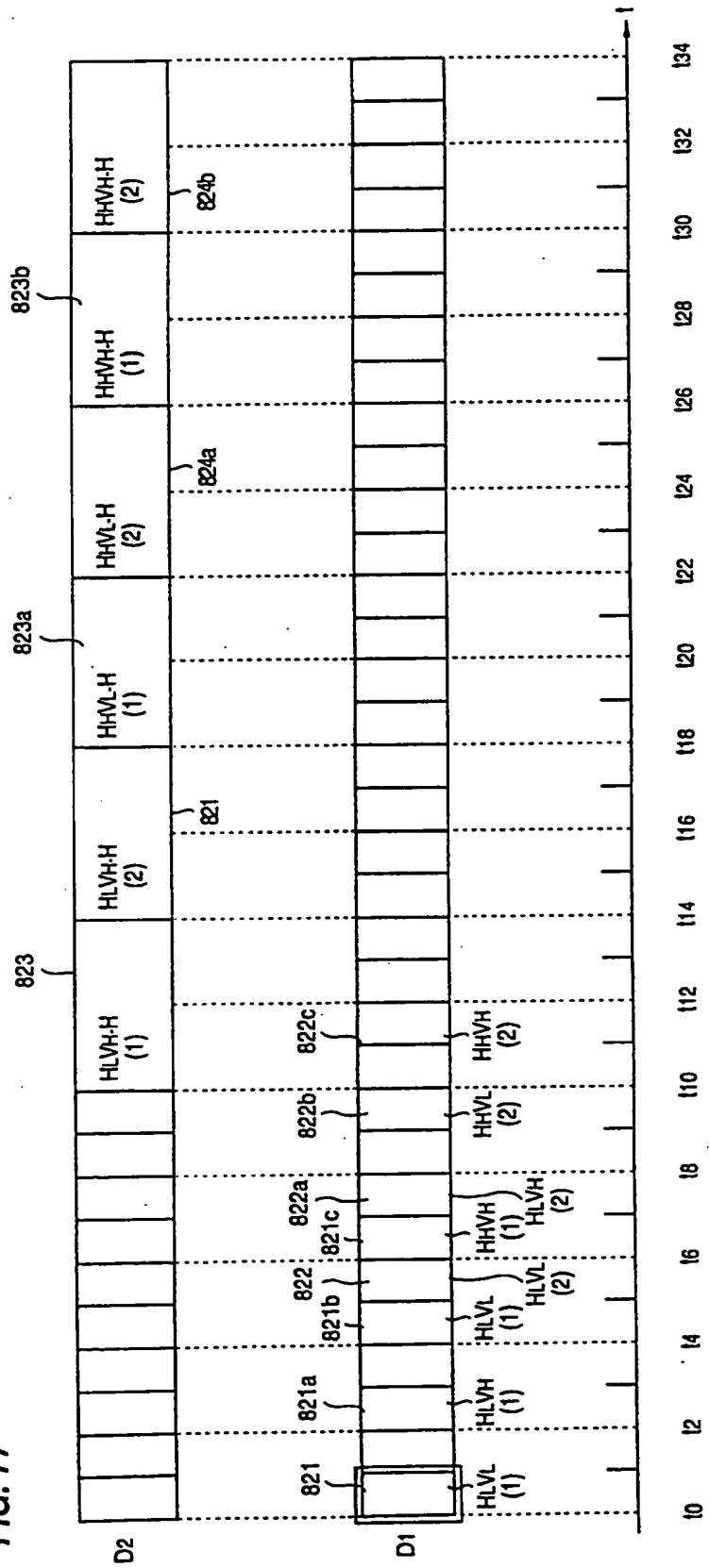


FIG. 78
3rd VIDEO ENCODER

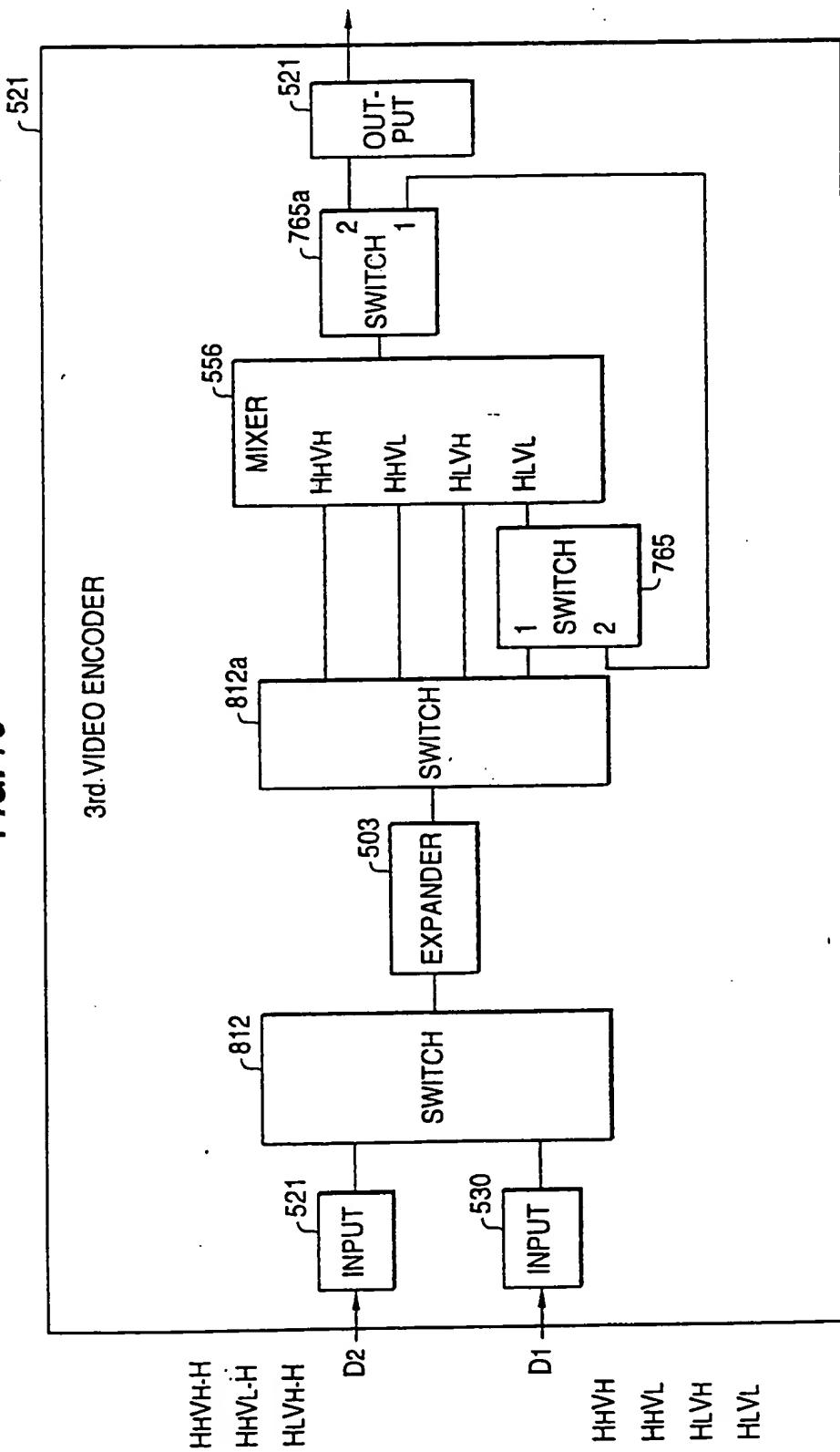


FIG. 79

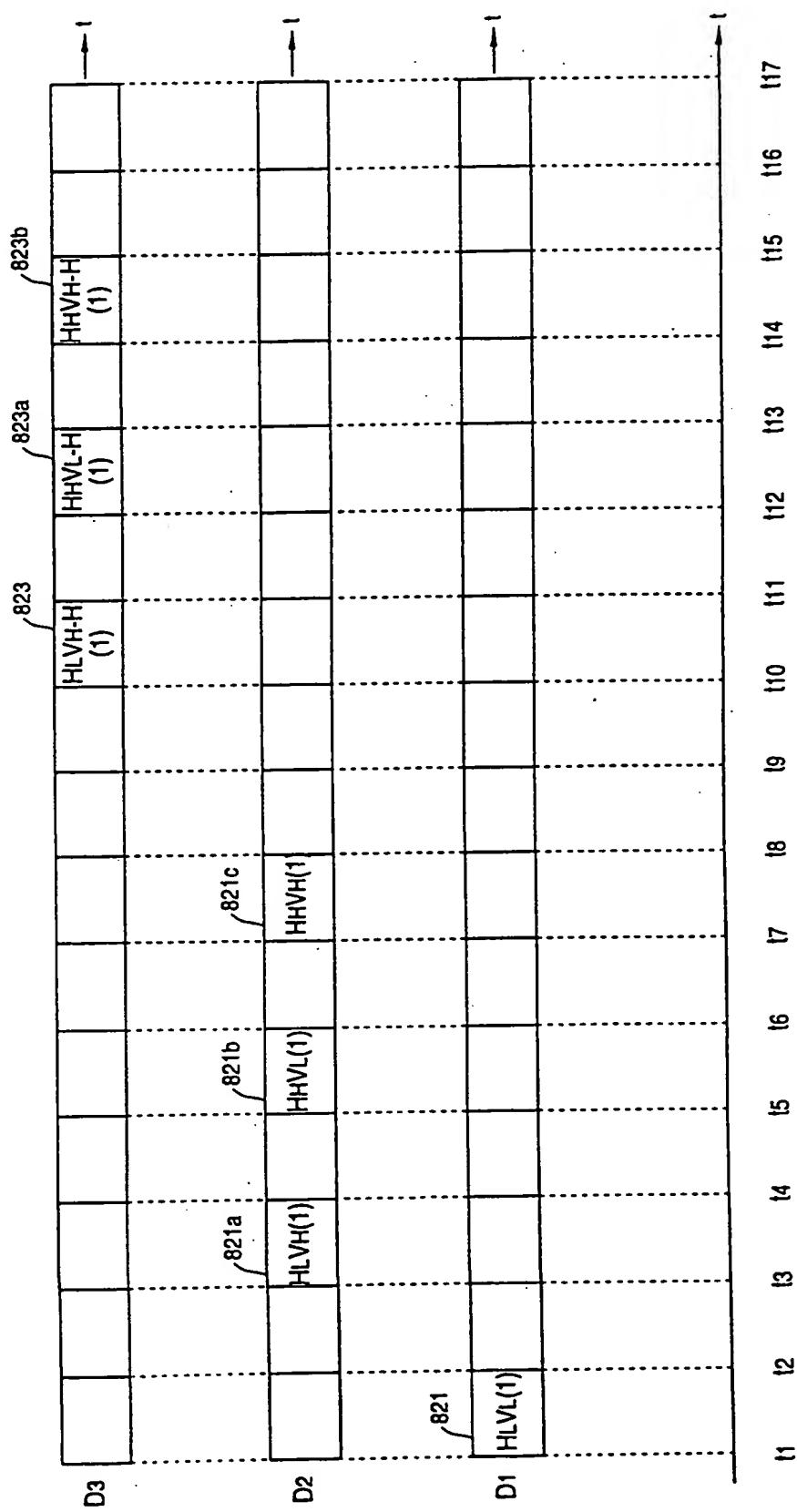


FIG. 80

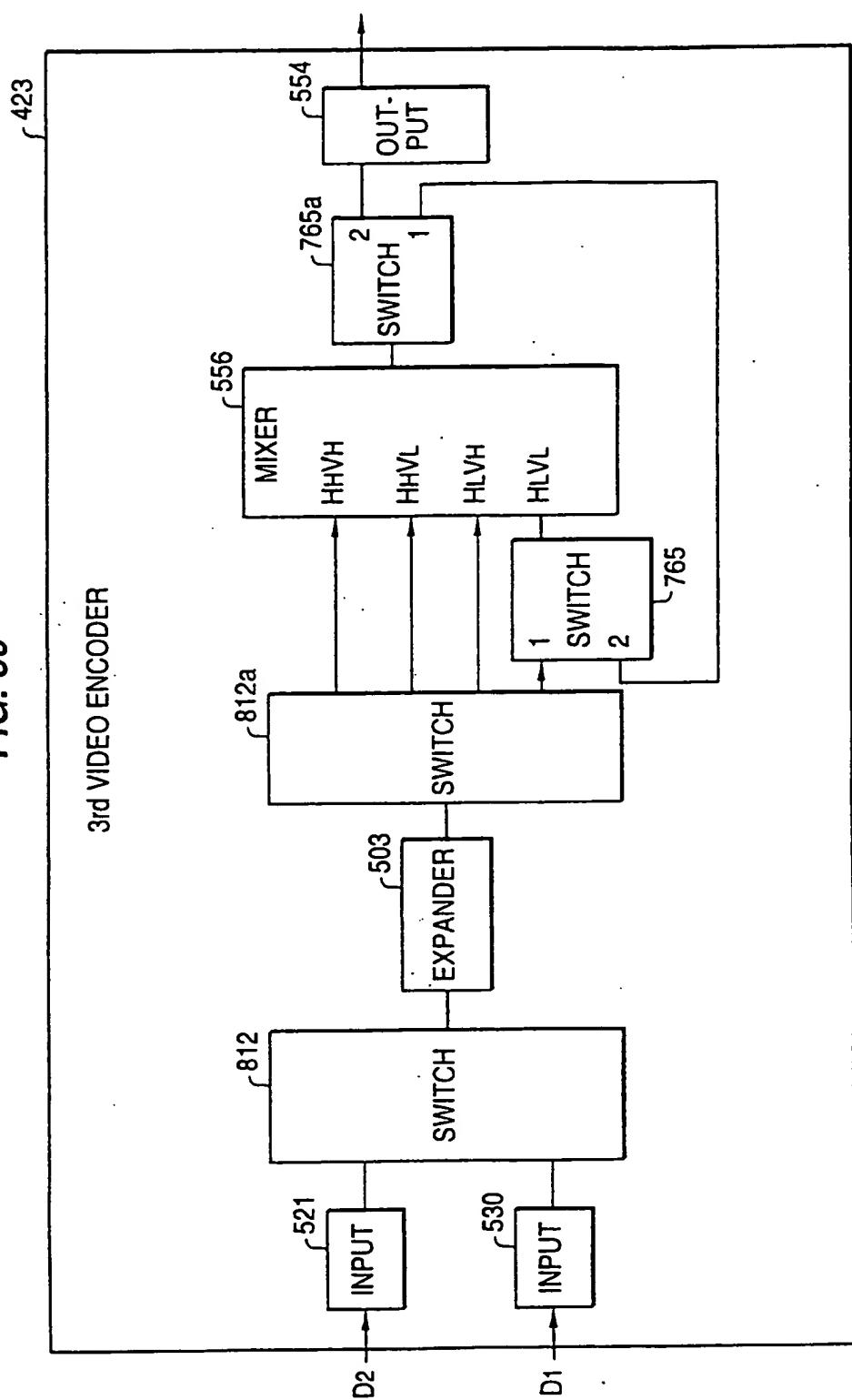


FIG. 81

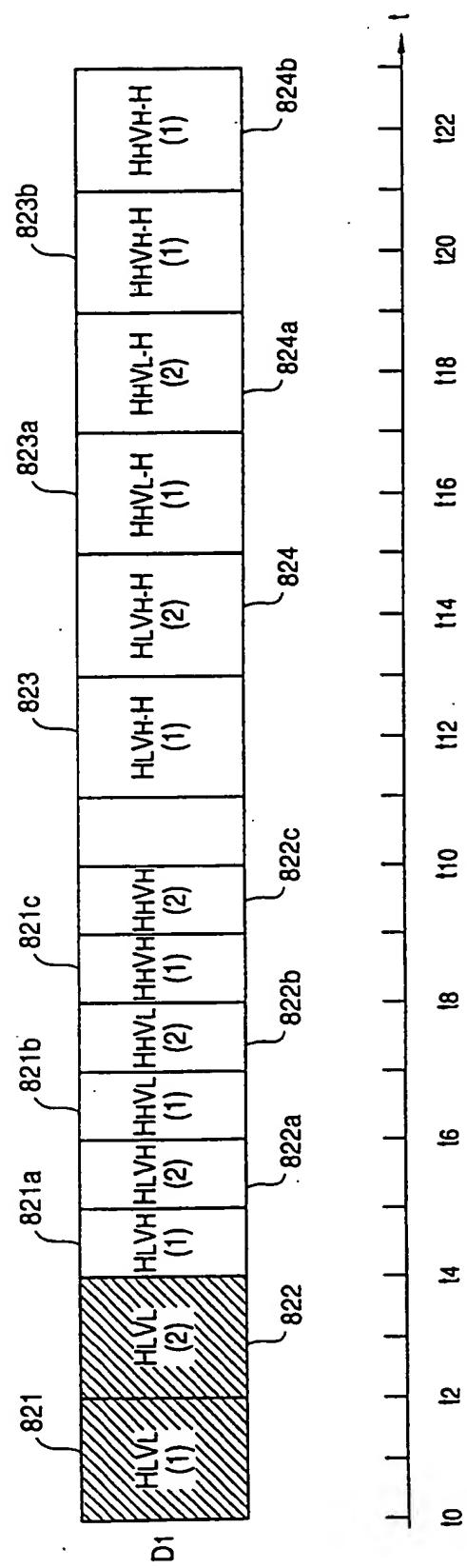


FIG. 82

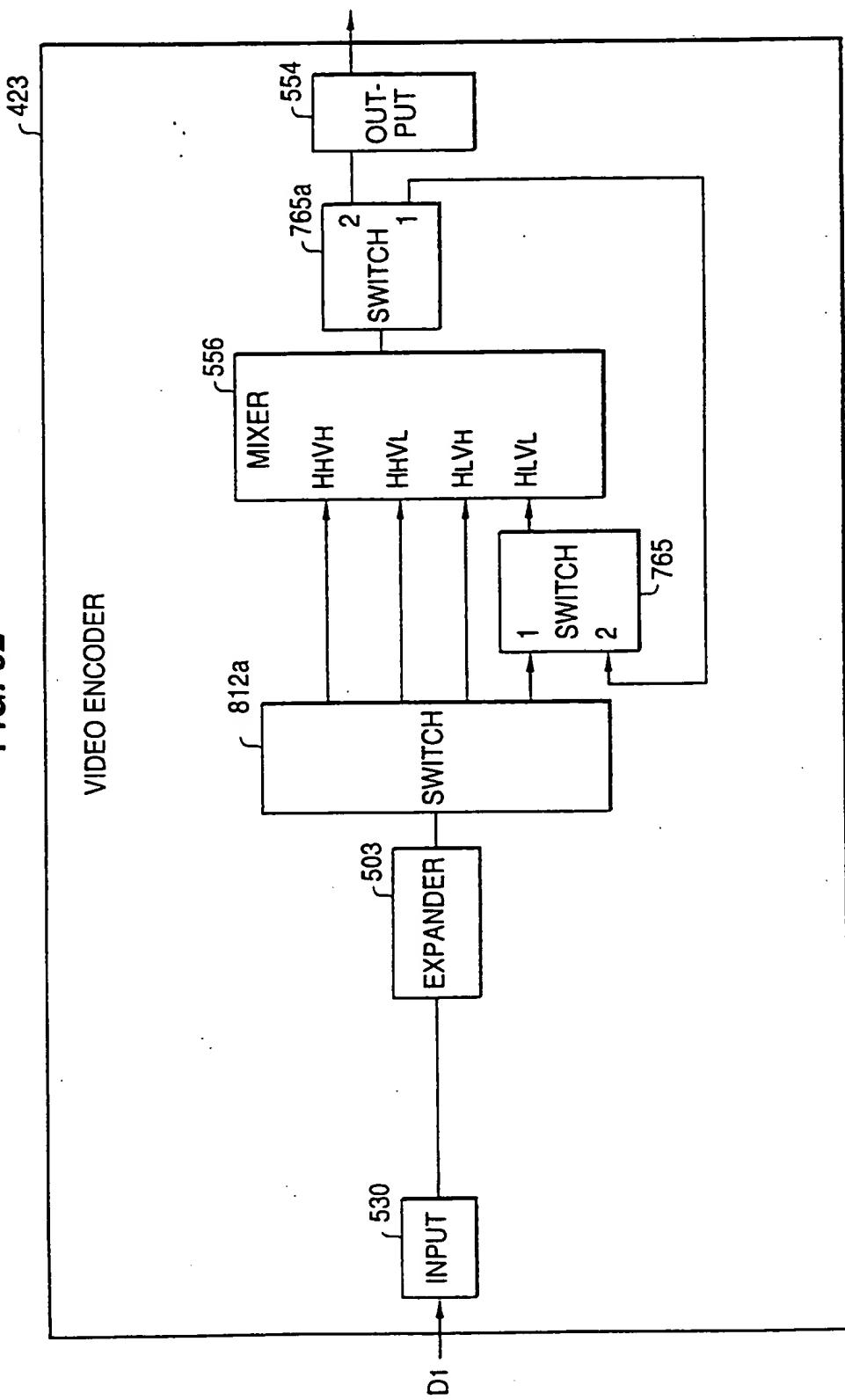


FIG. 83

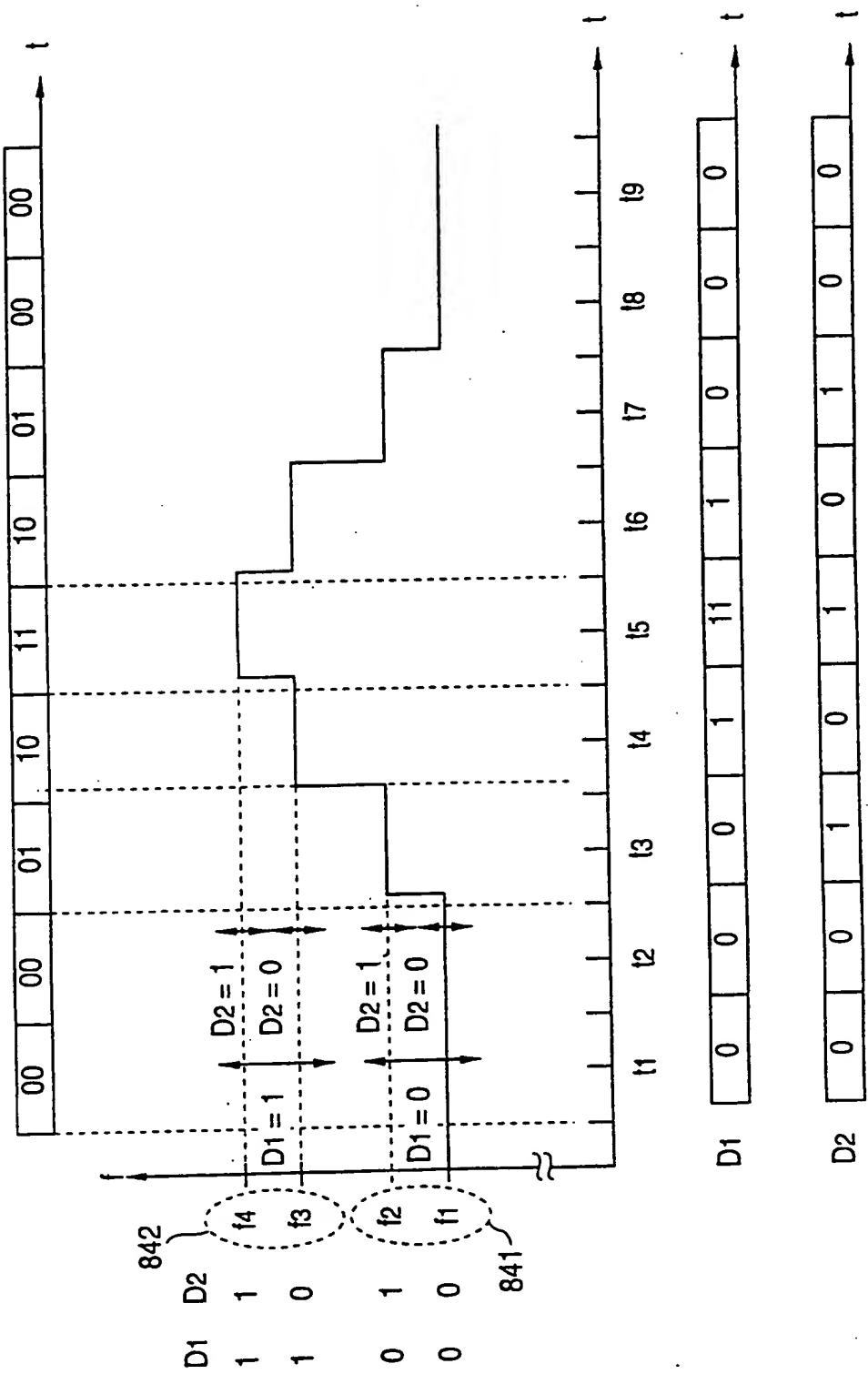


FIG. 84

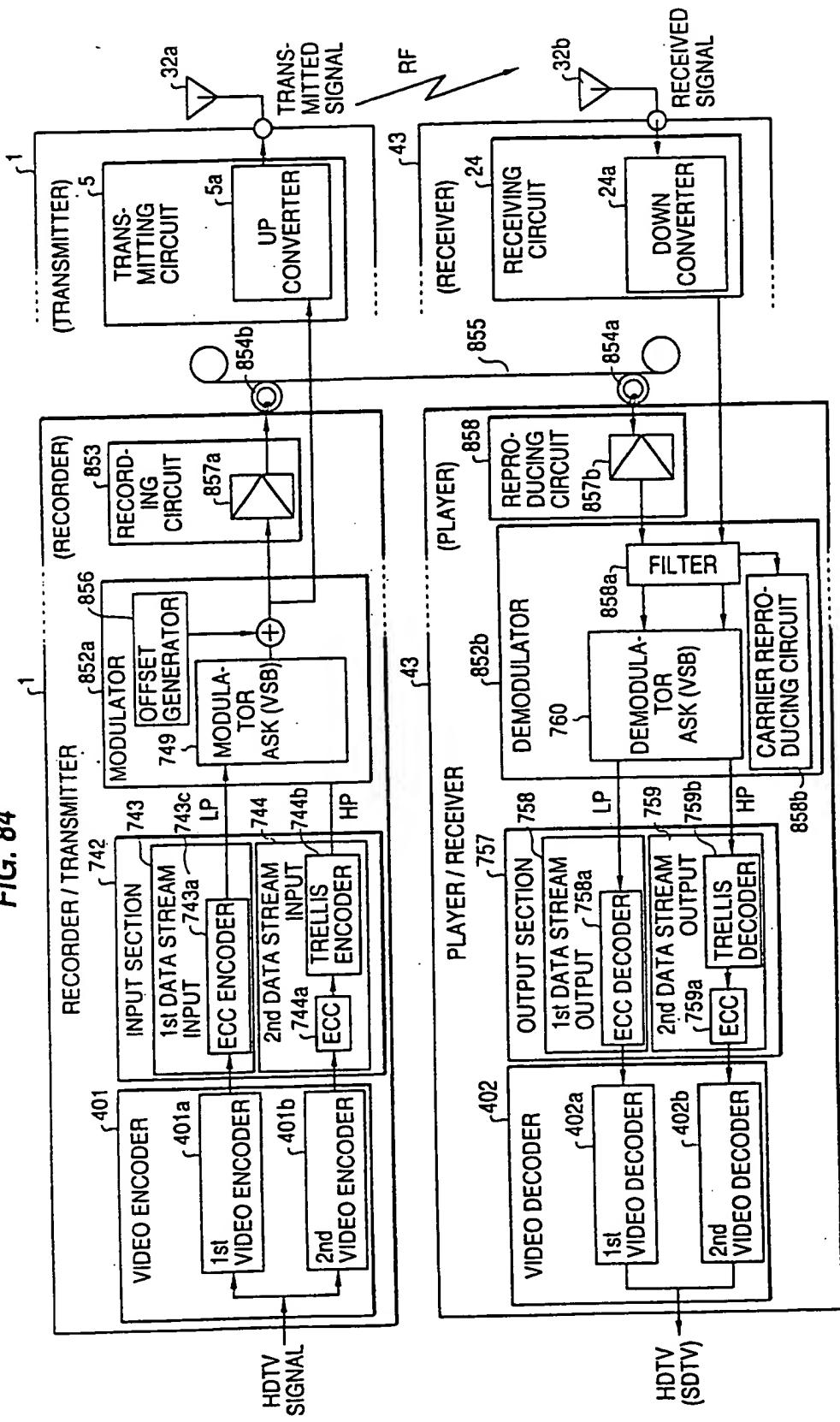


FIG. 85

SIGNAL STATES

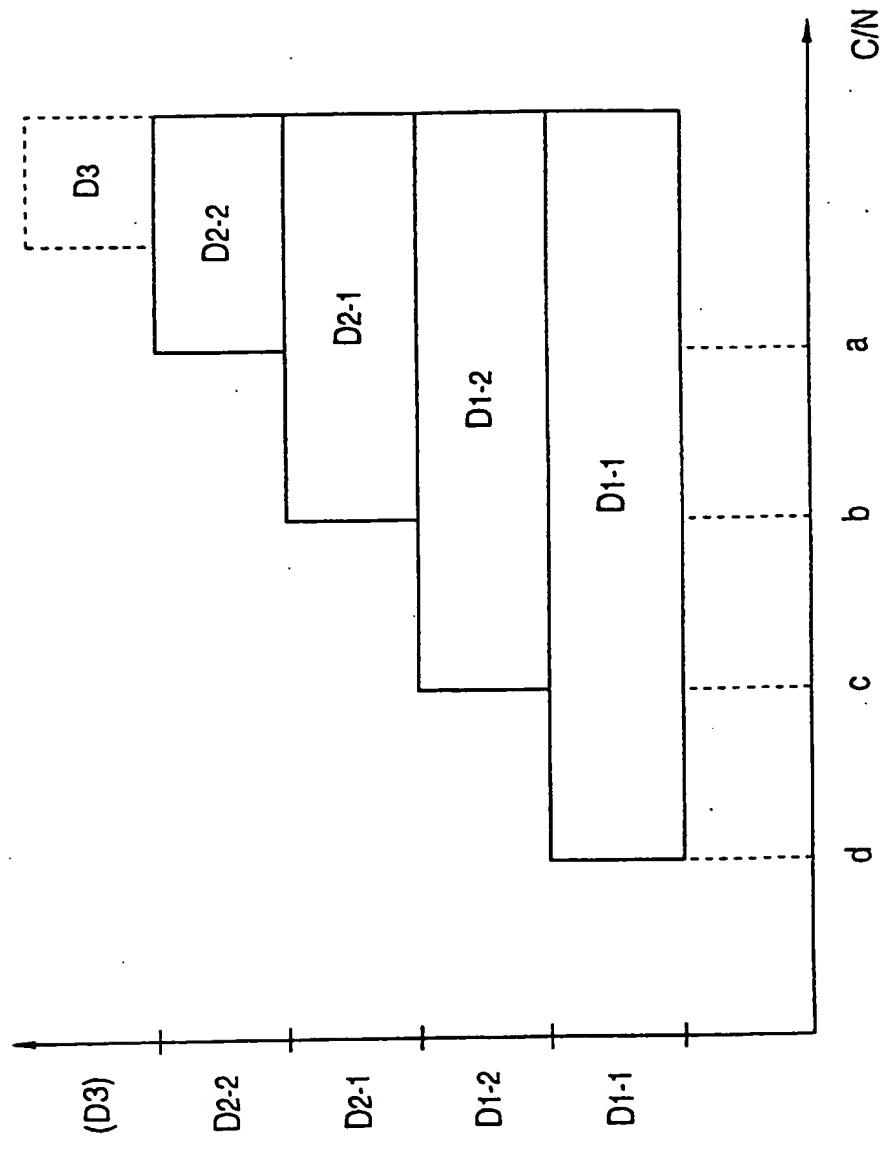


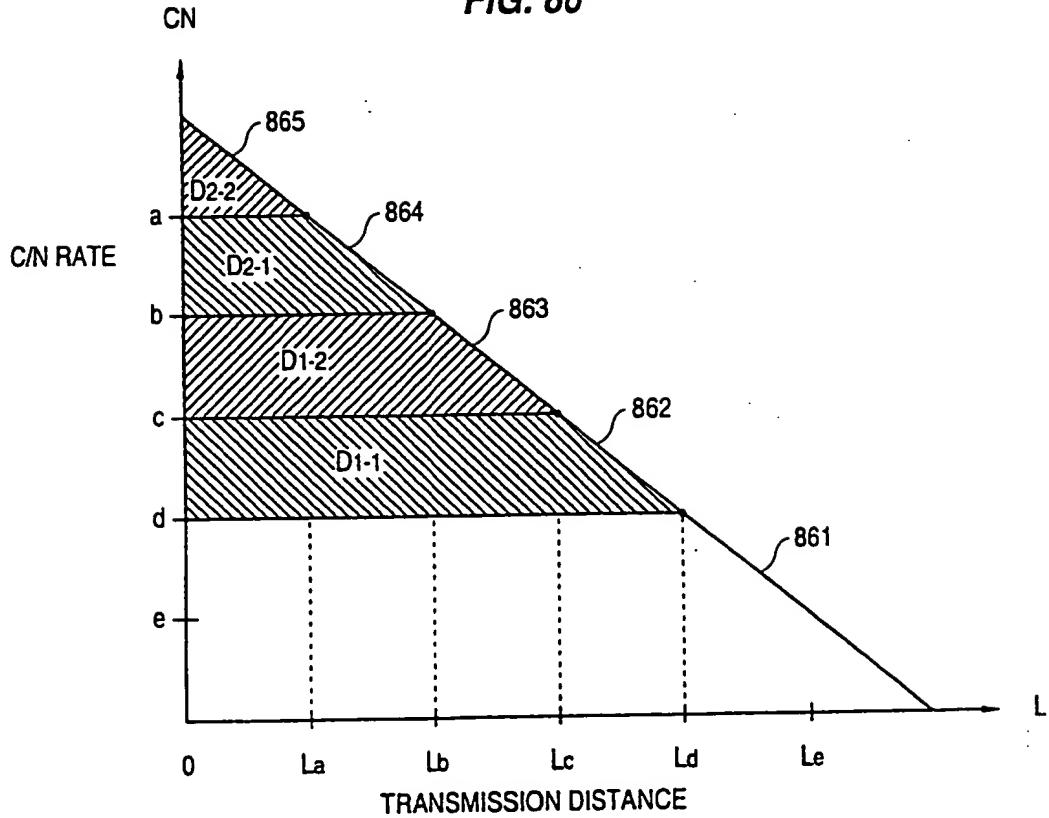
FIG. 86

FIG. 87

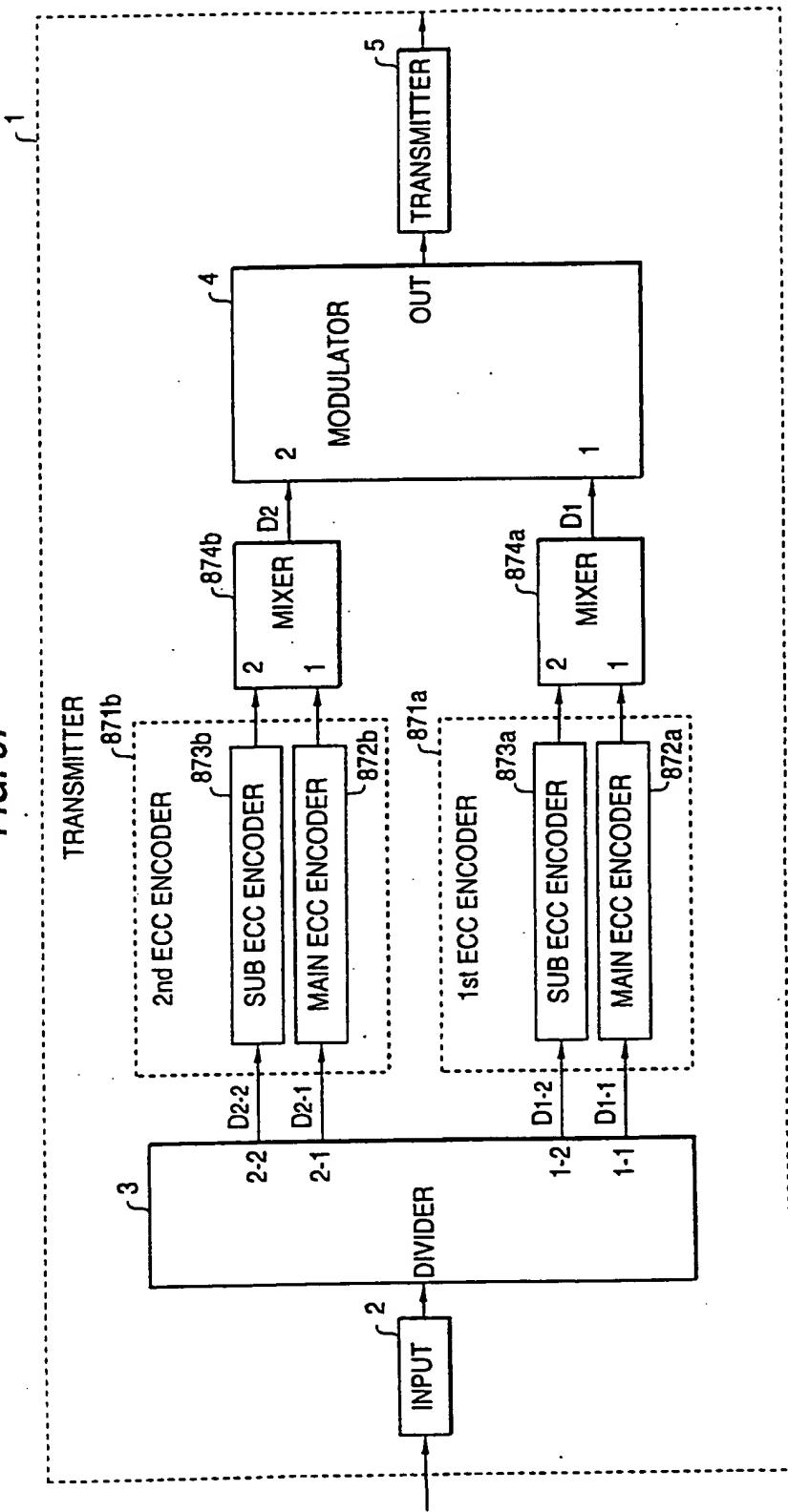


FIG. 88

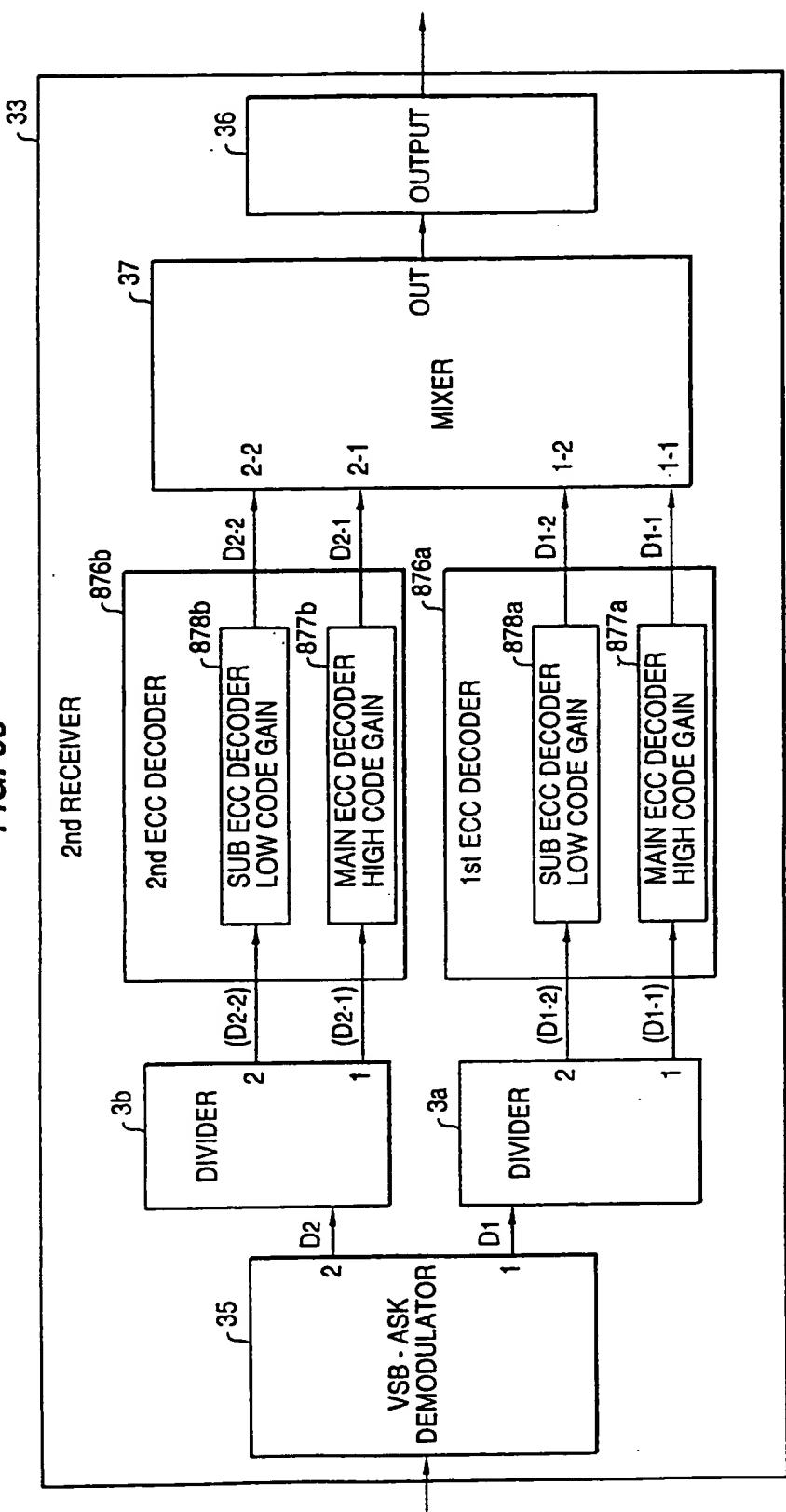


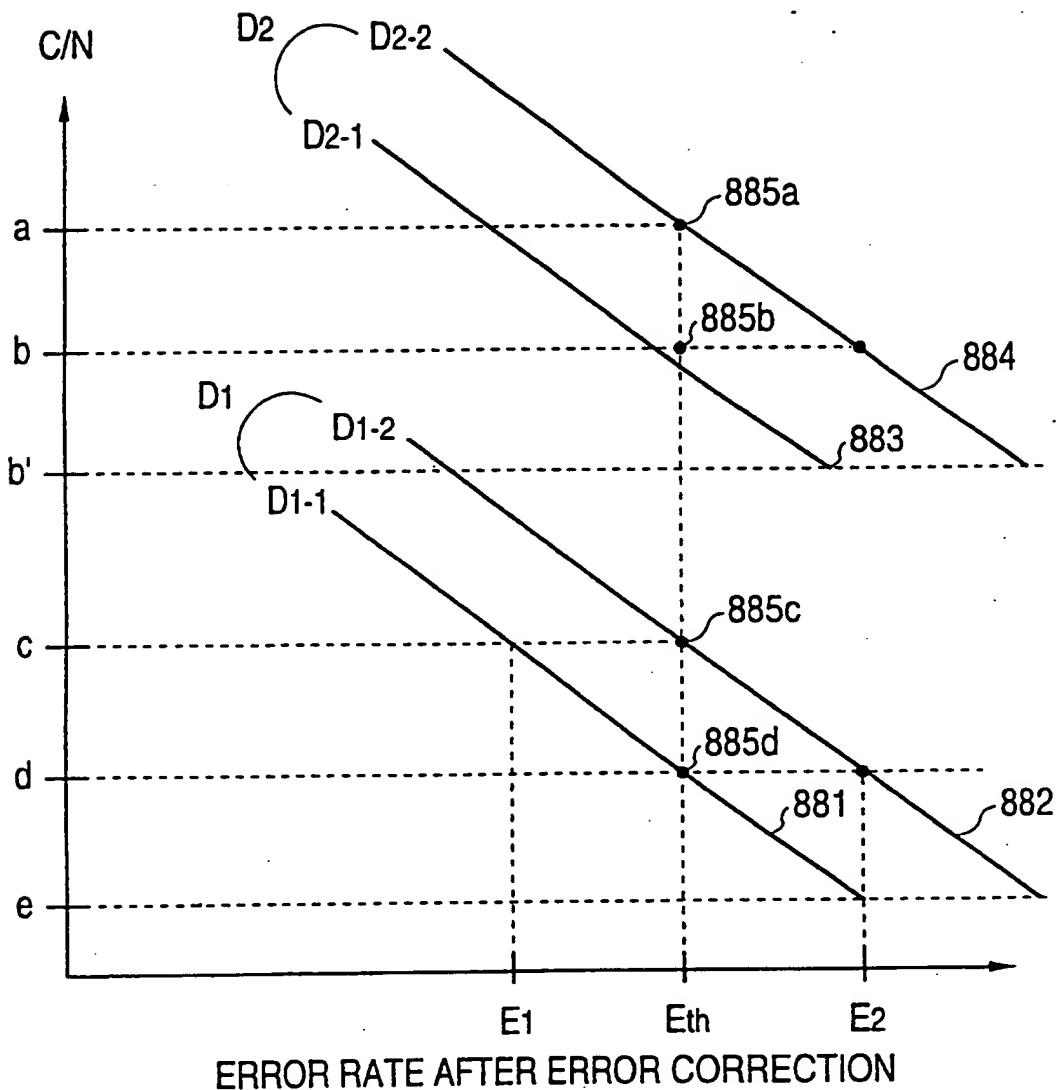
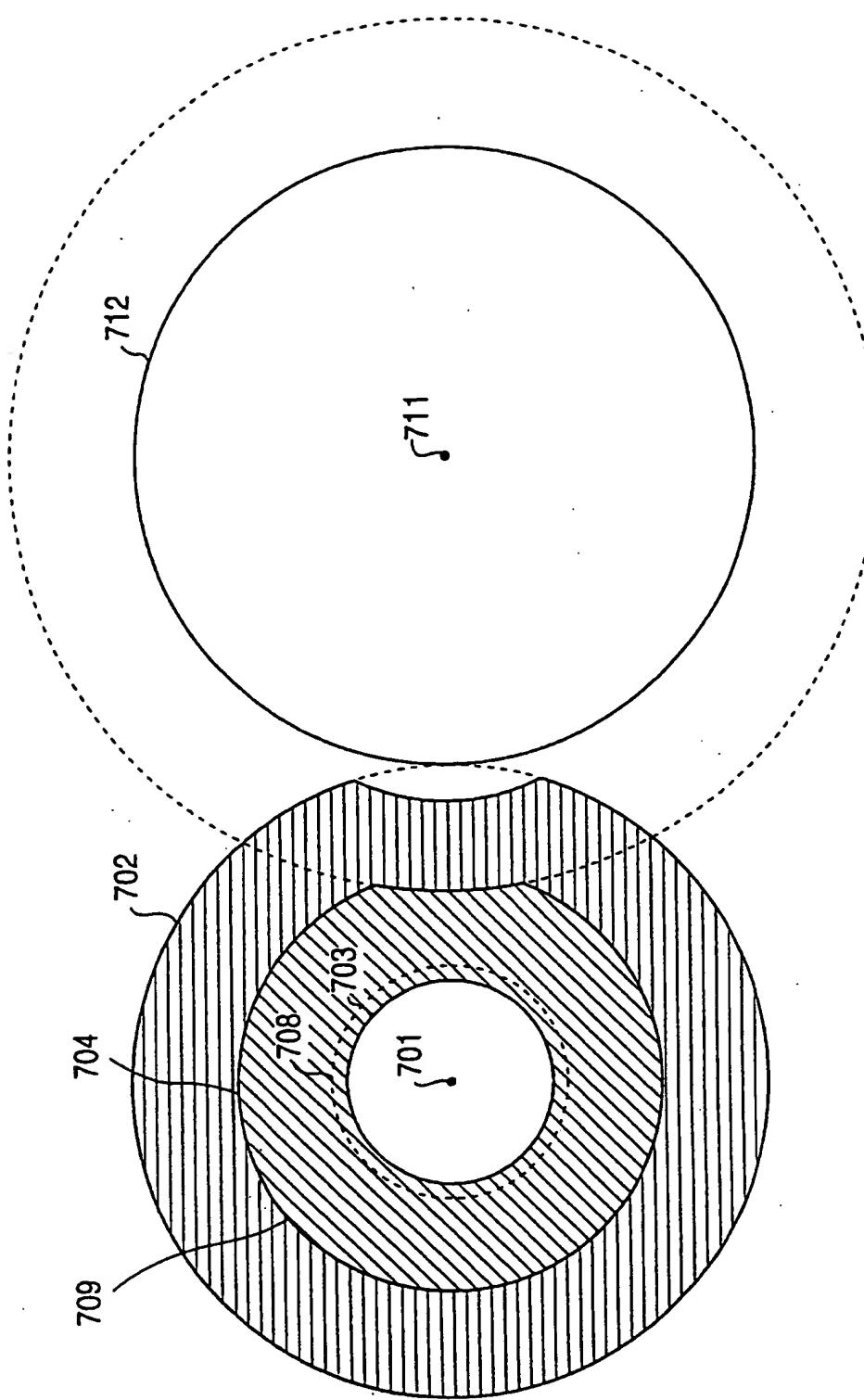
FIG. 89

FIG. 90

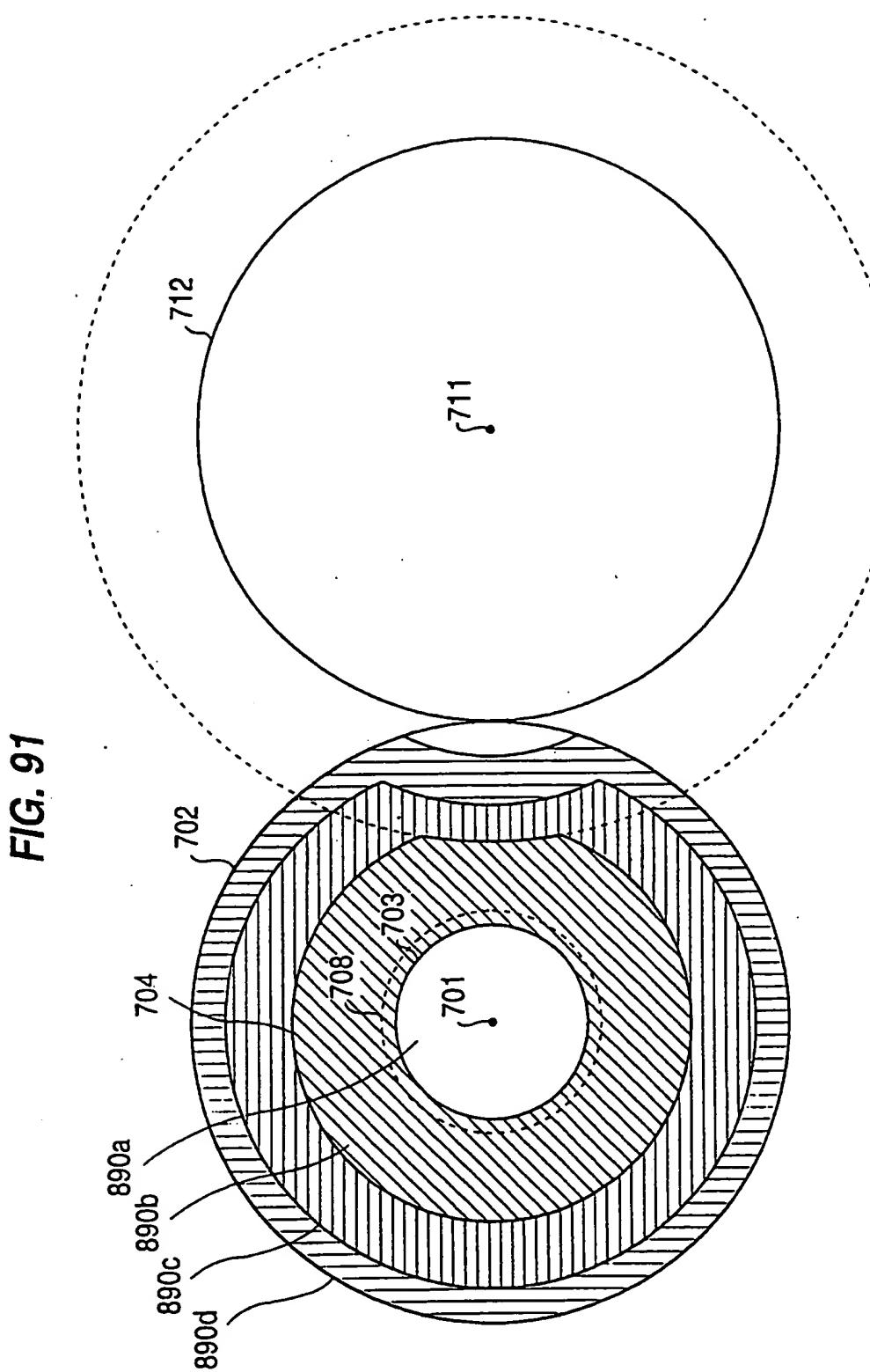


FIG. 92

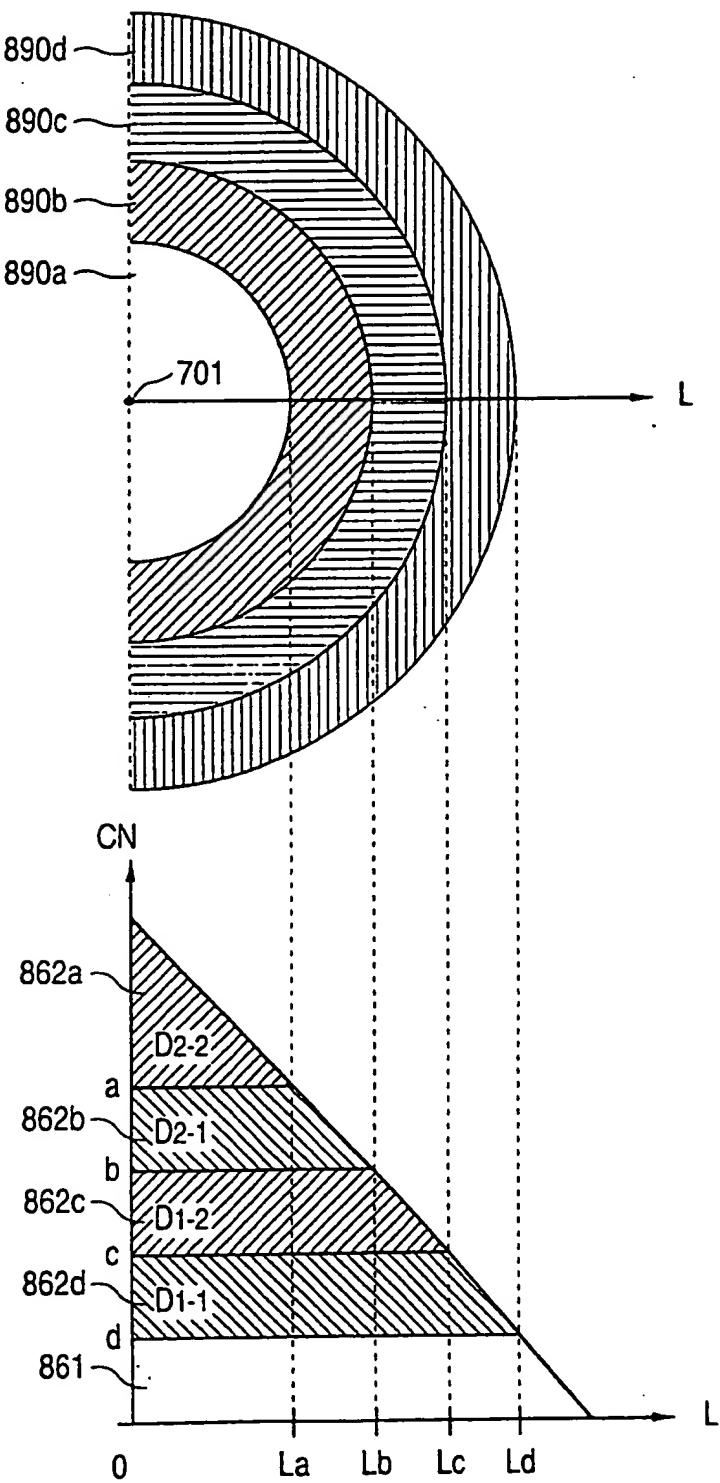


FIG. 93

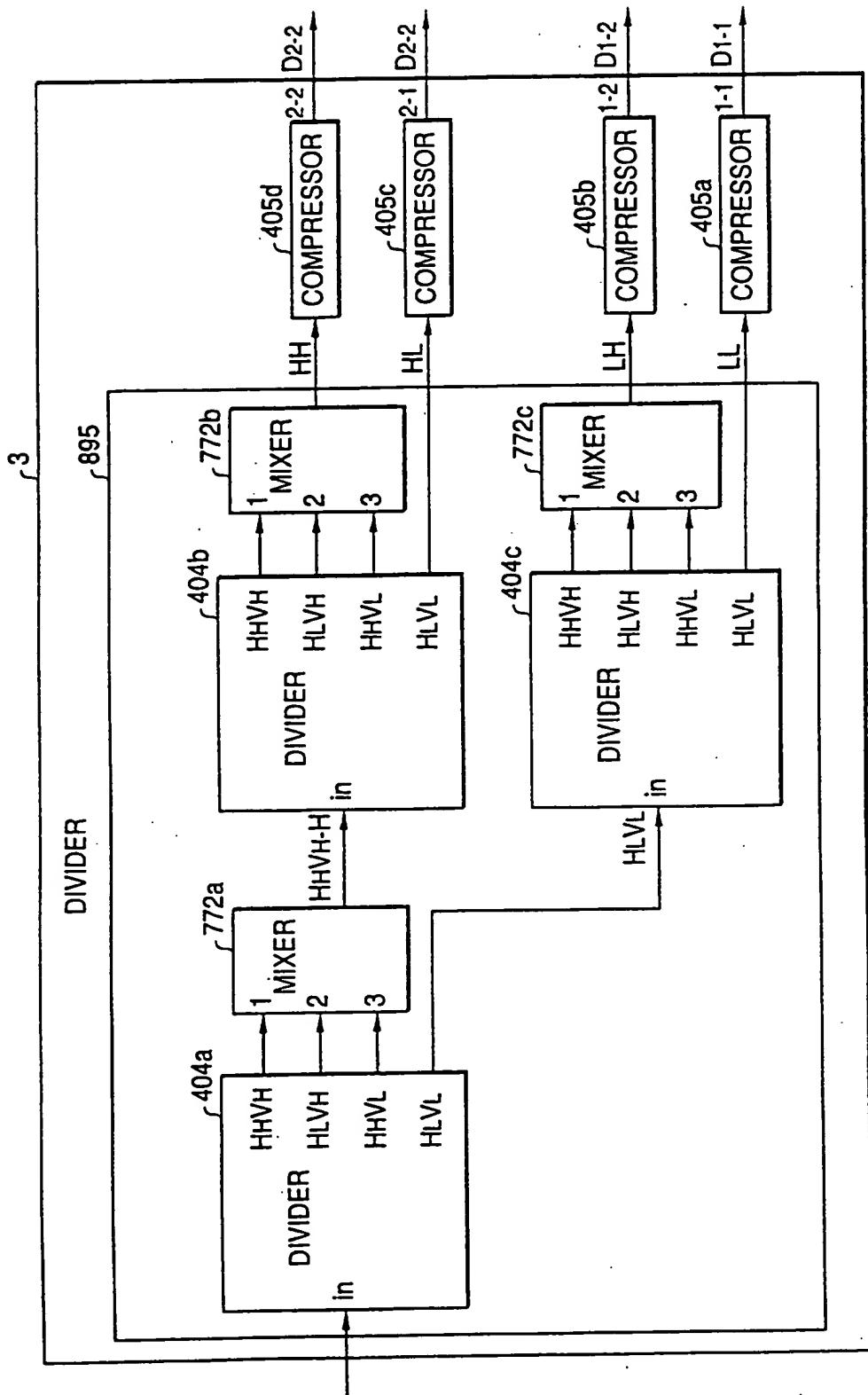


FIG. 94

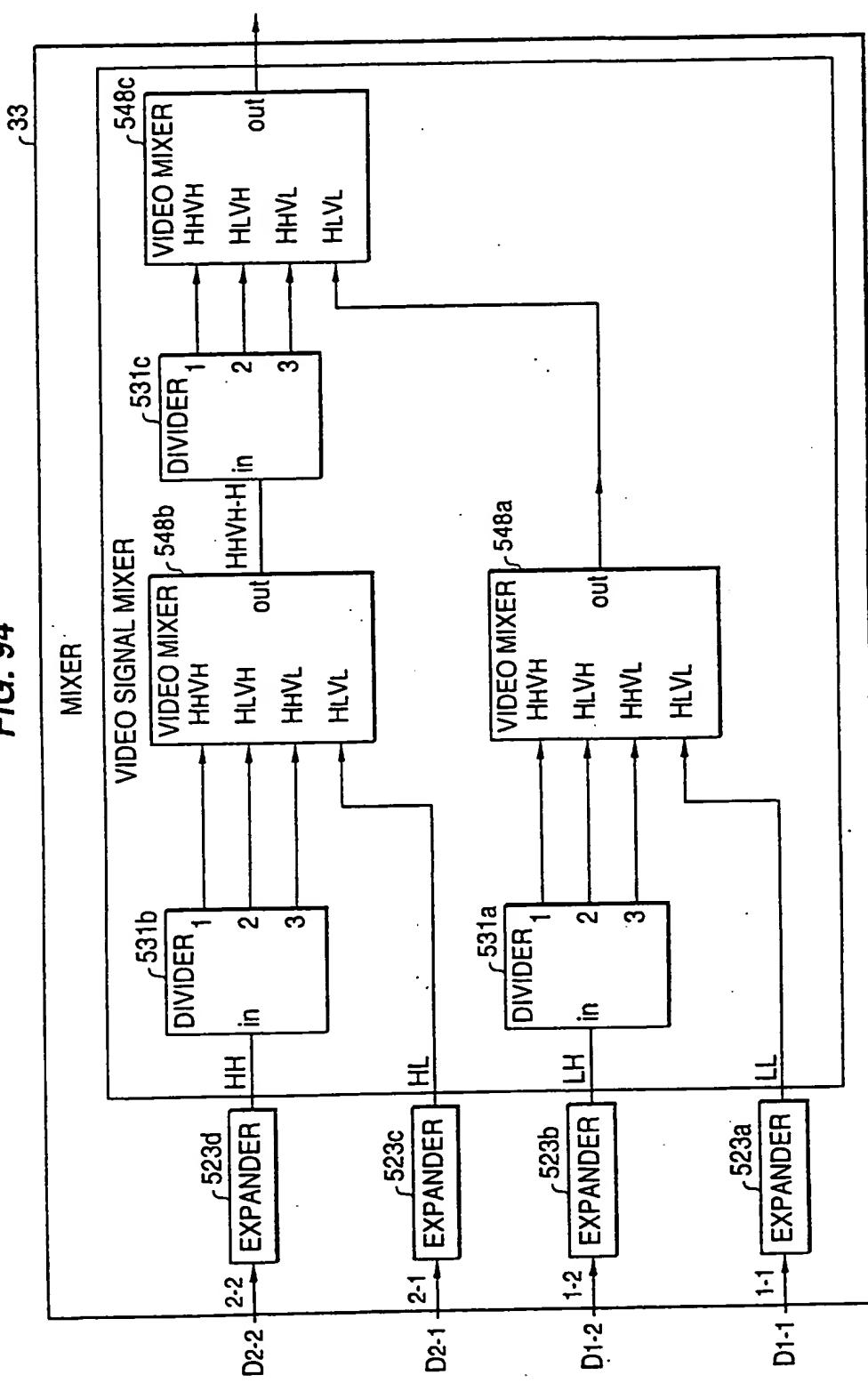


FIG. 95

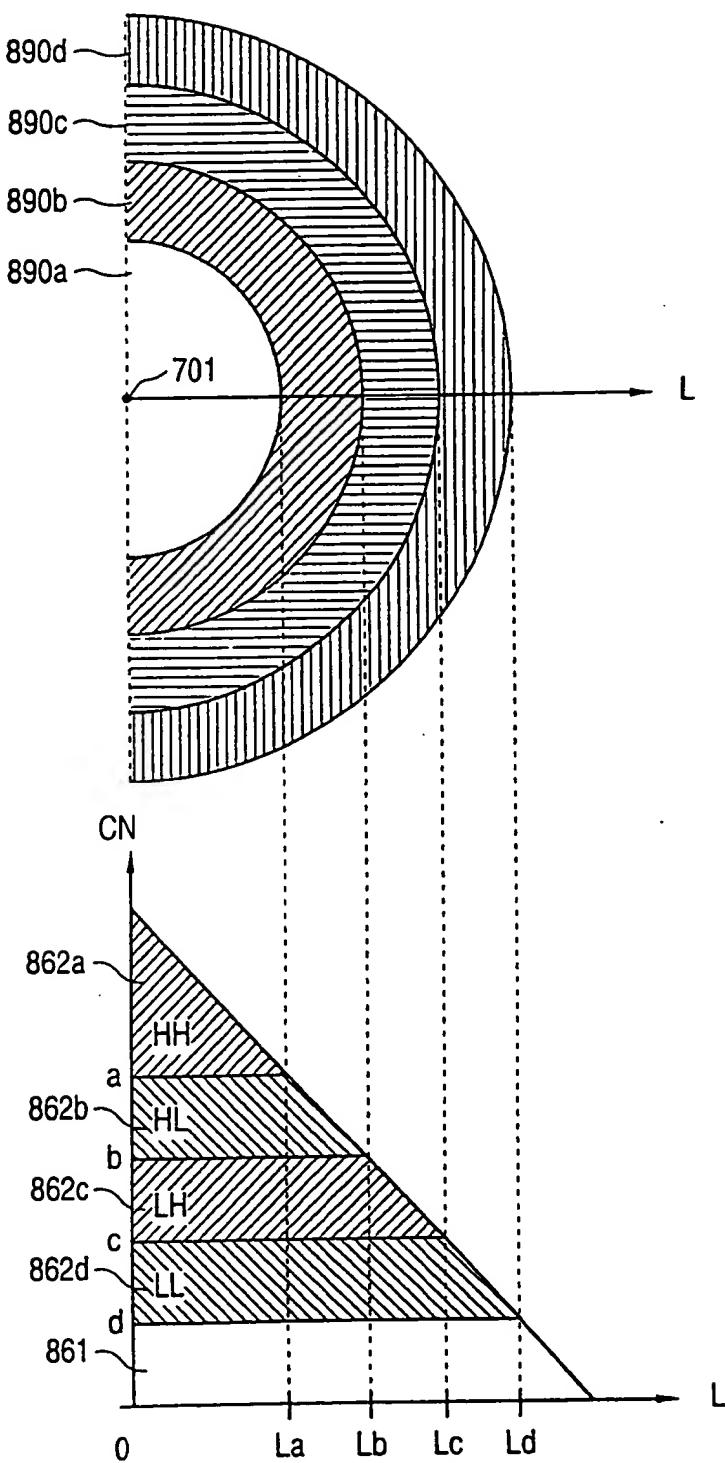


FIG. 96

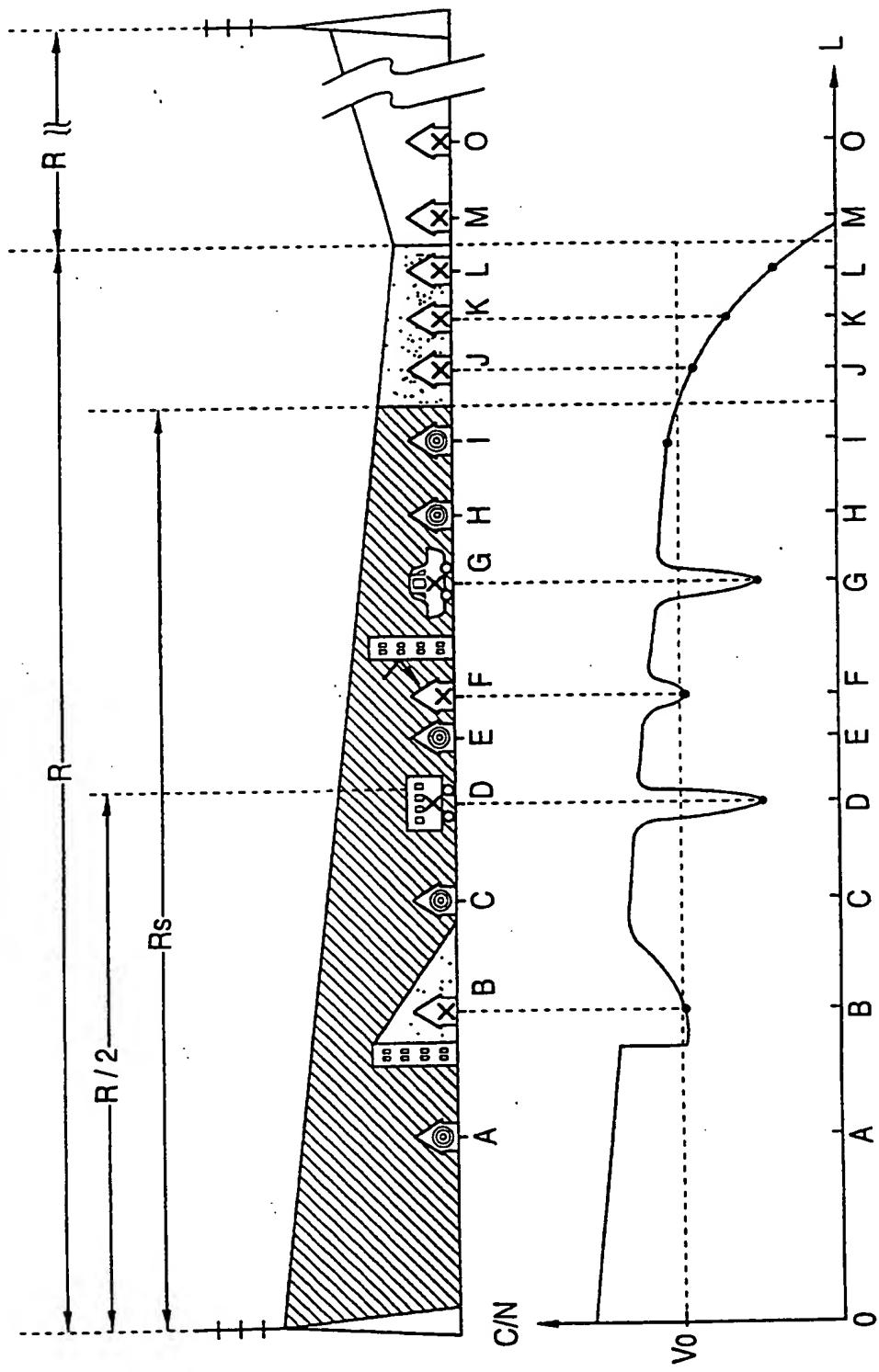


FIG. 97

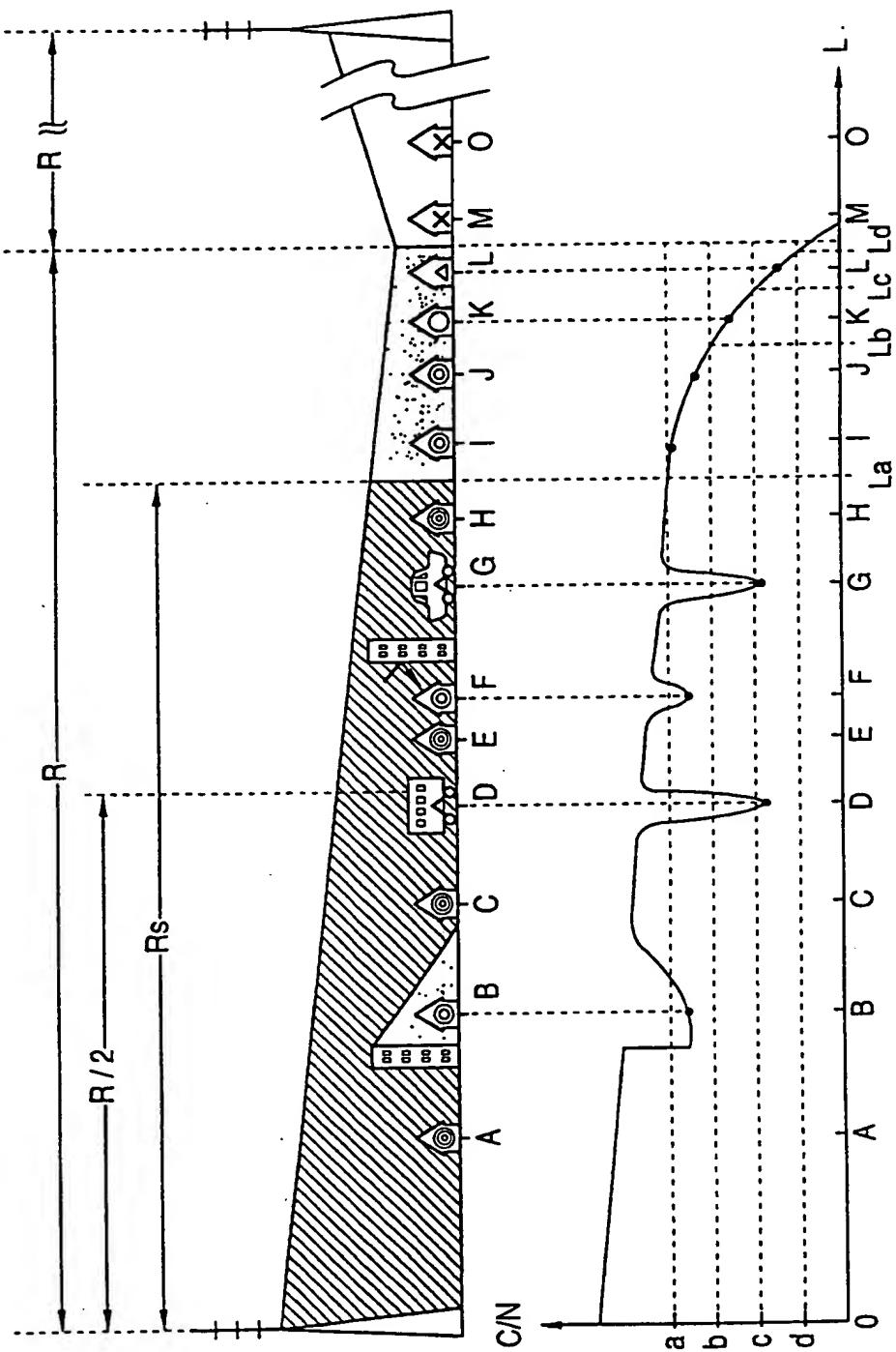


FIG. 98

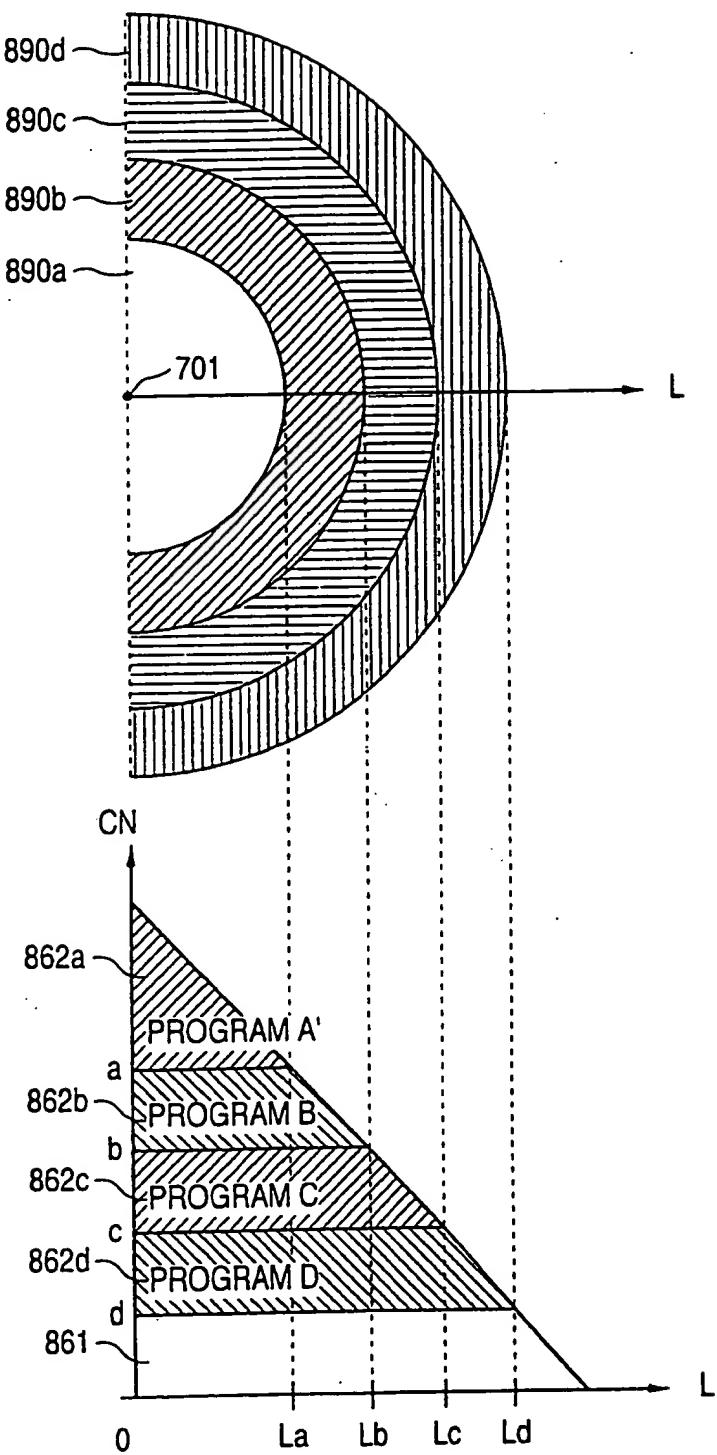


FIG. 99

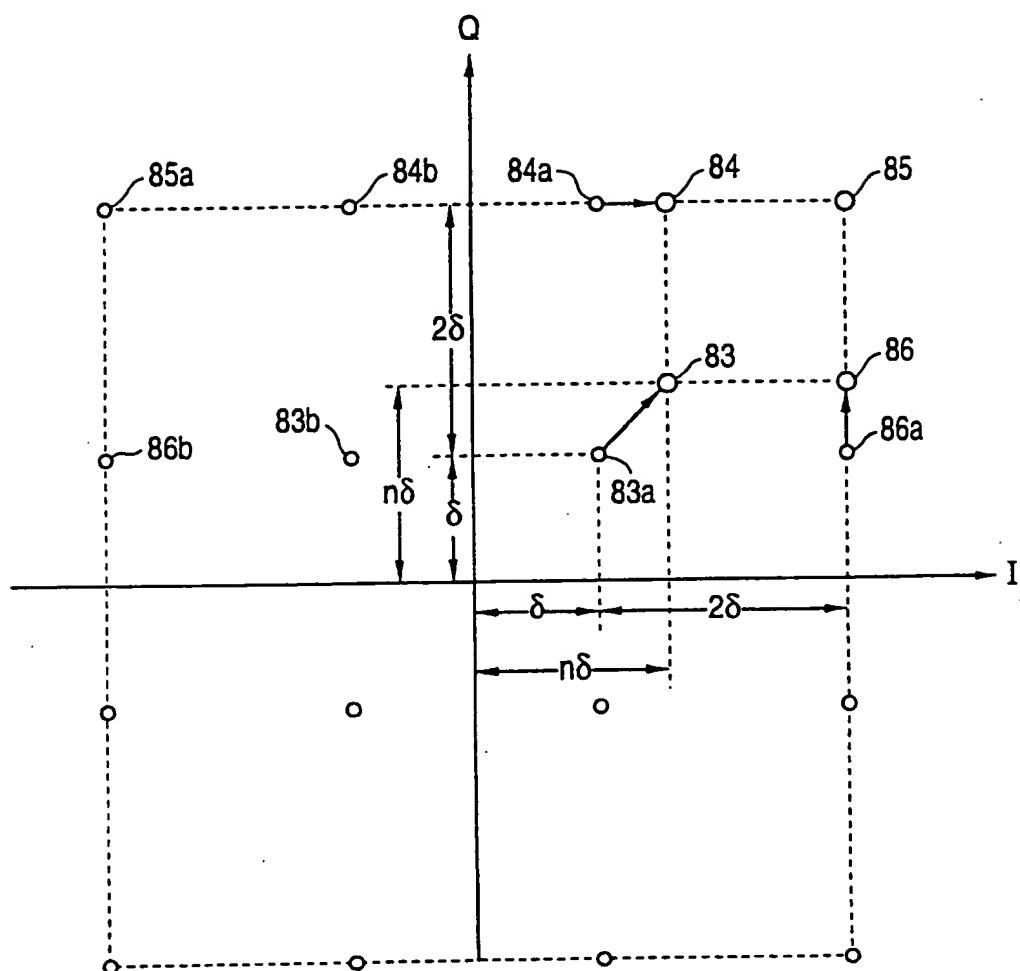


FIG. 100

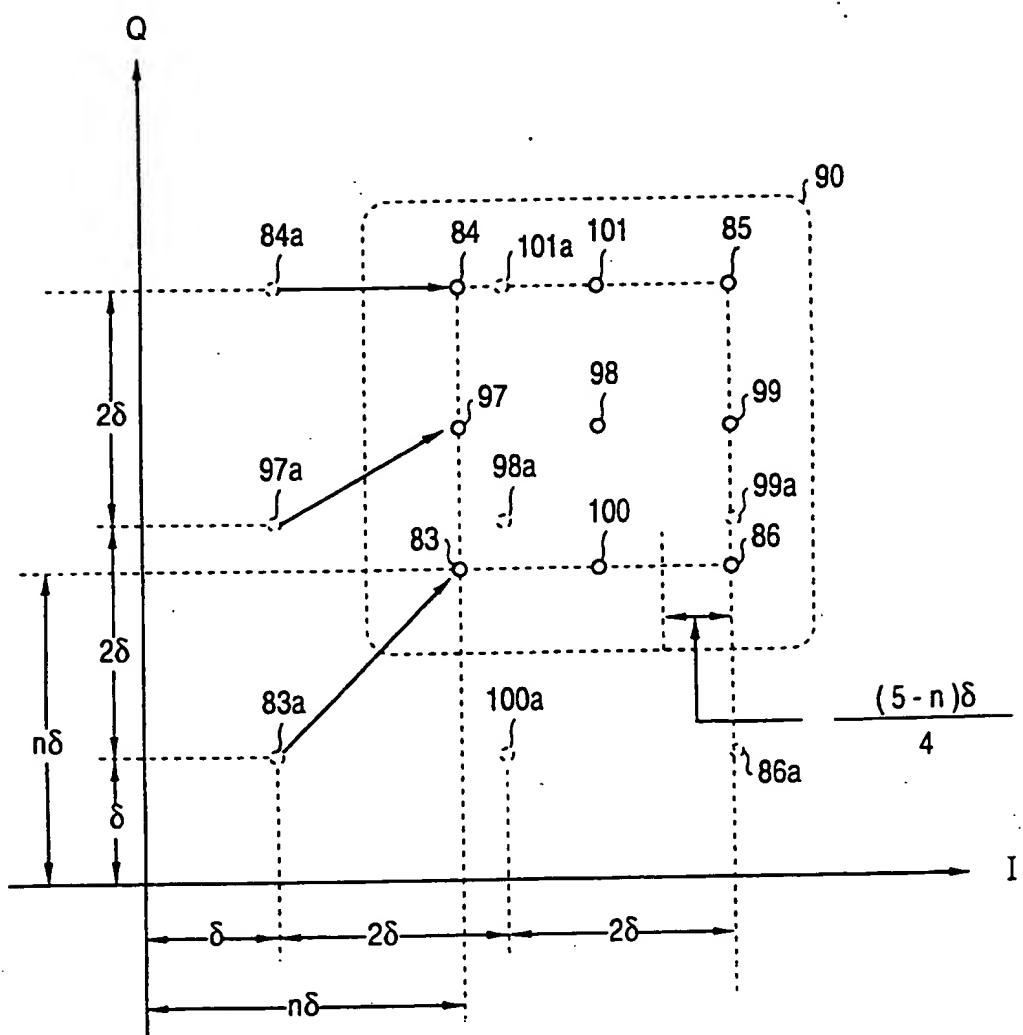


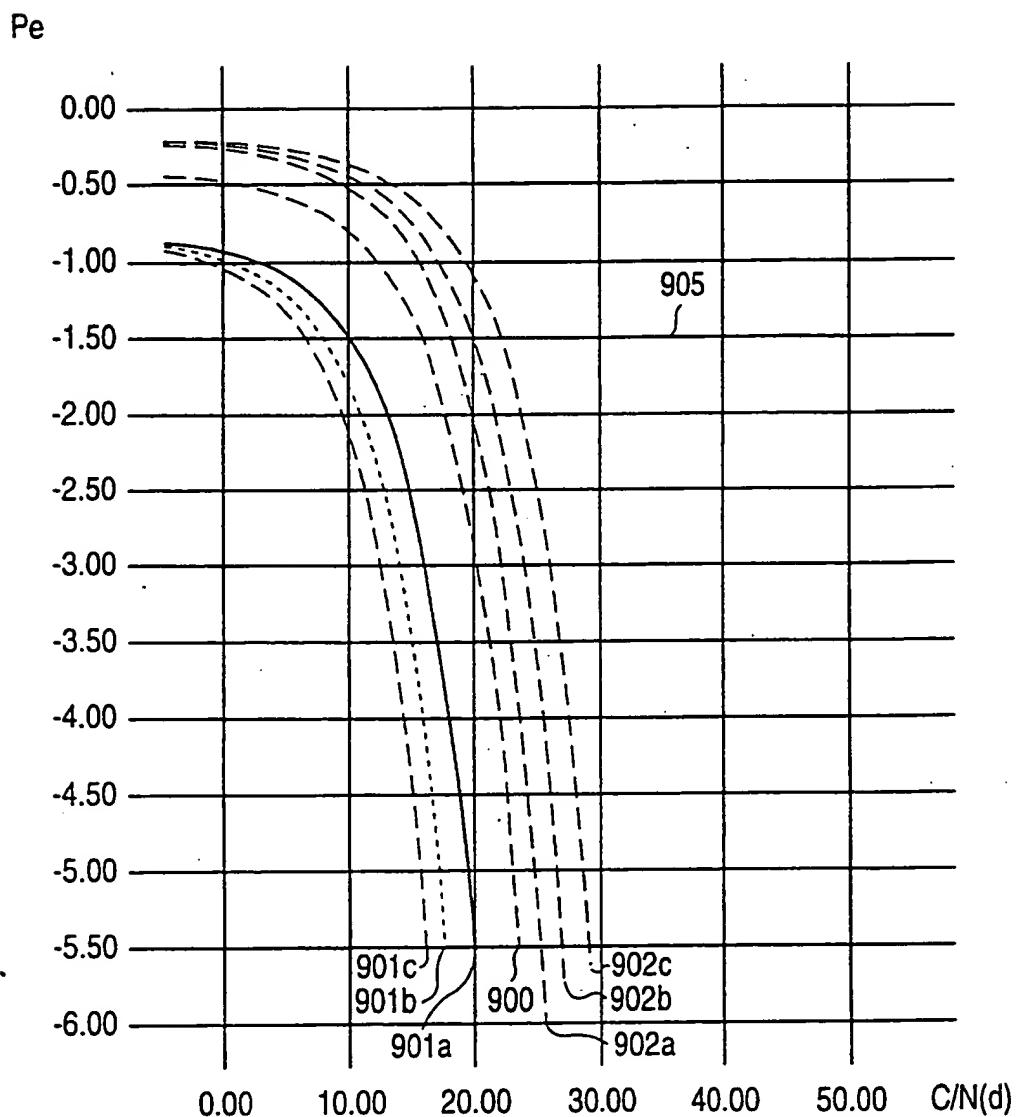
FIG. 101

FIG. 102

Pe

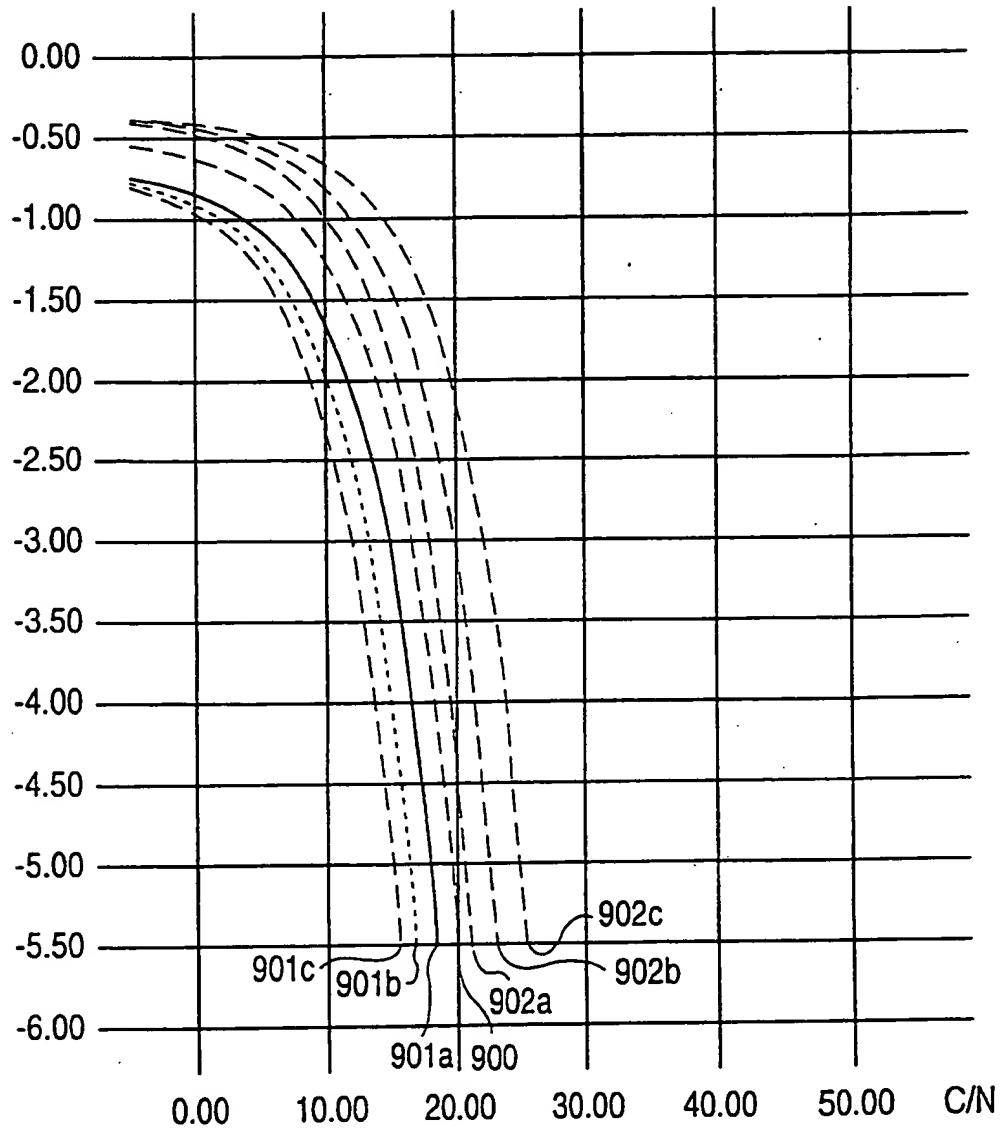


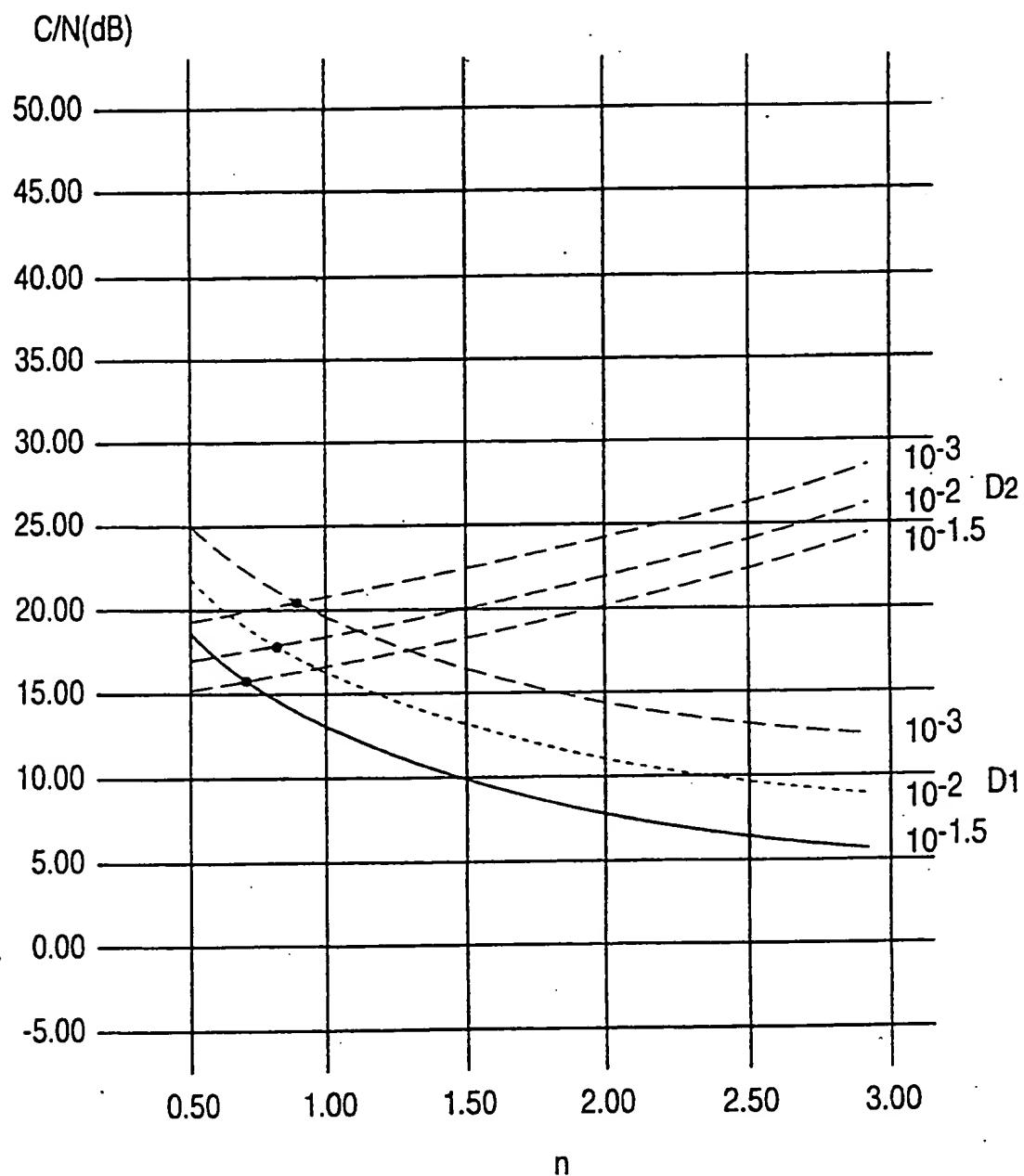
FIG. 103

FIG. 104

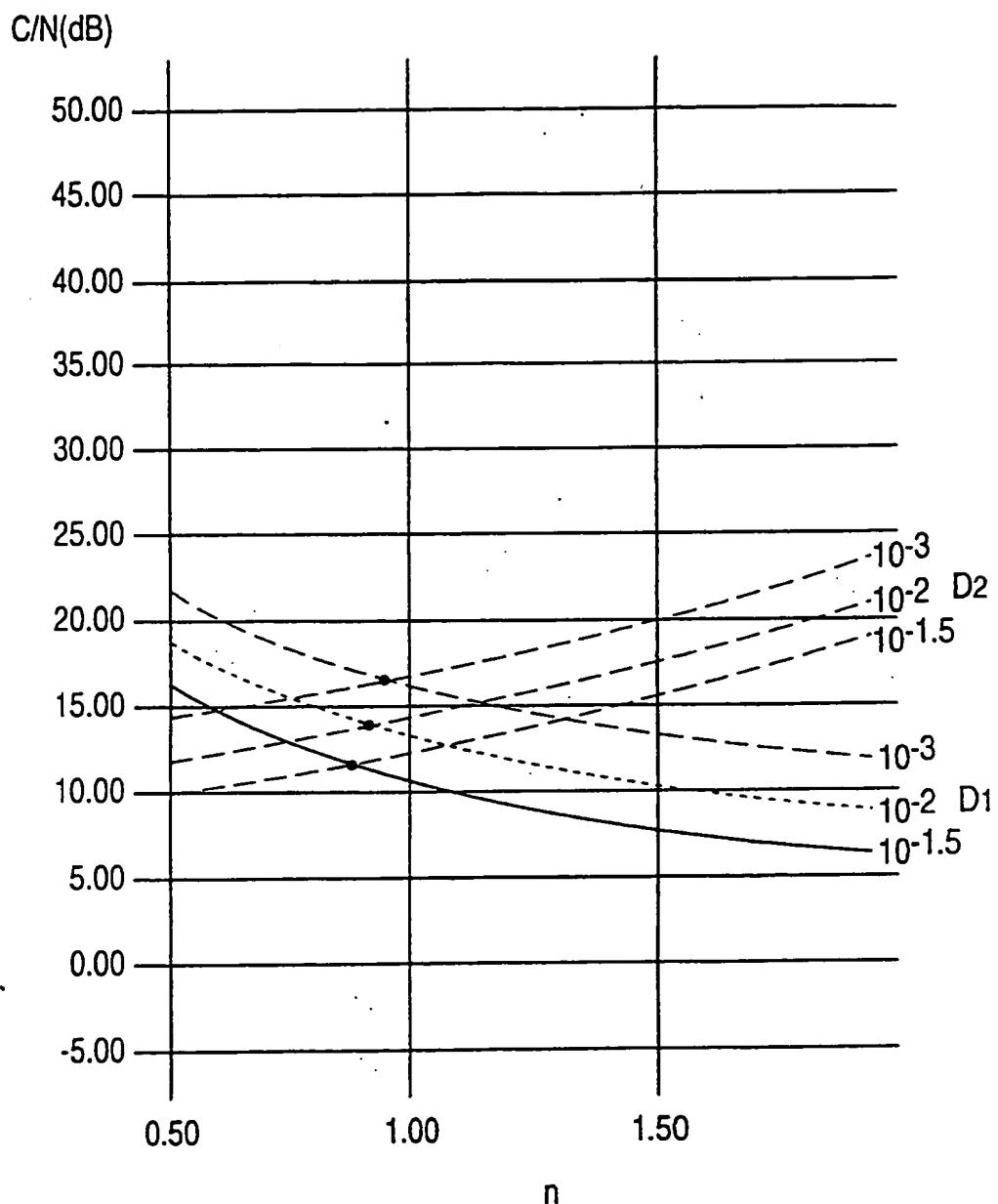


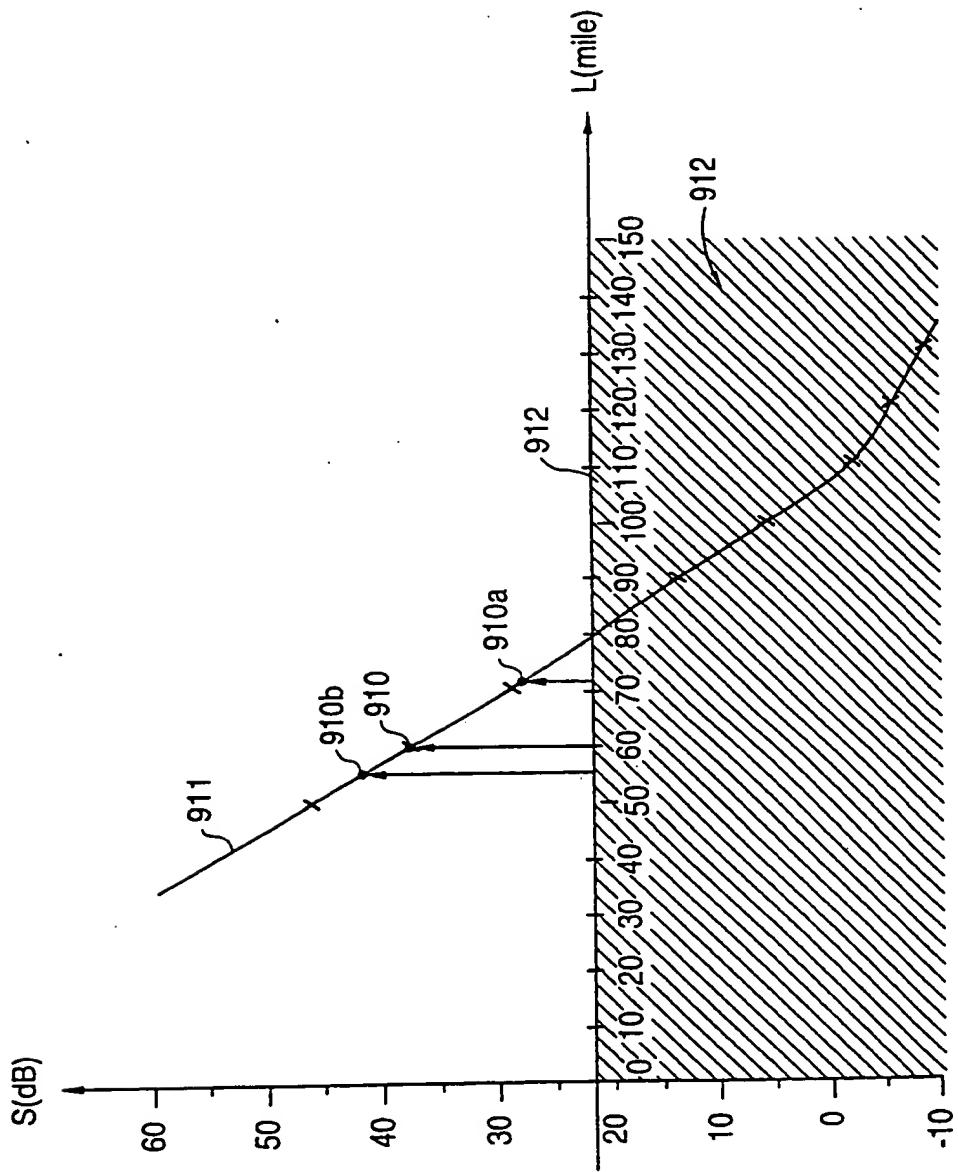
FIG. 105

FIG. 106

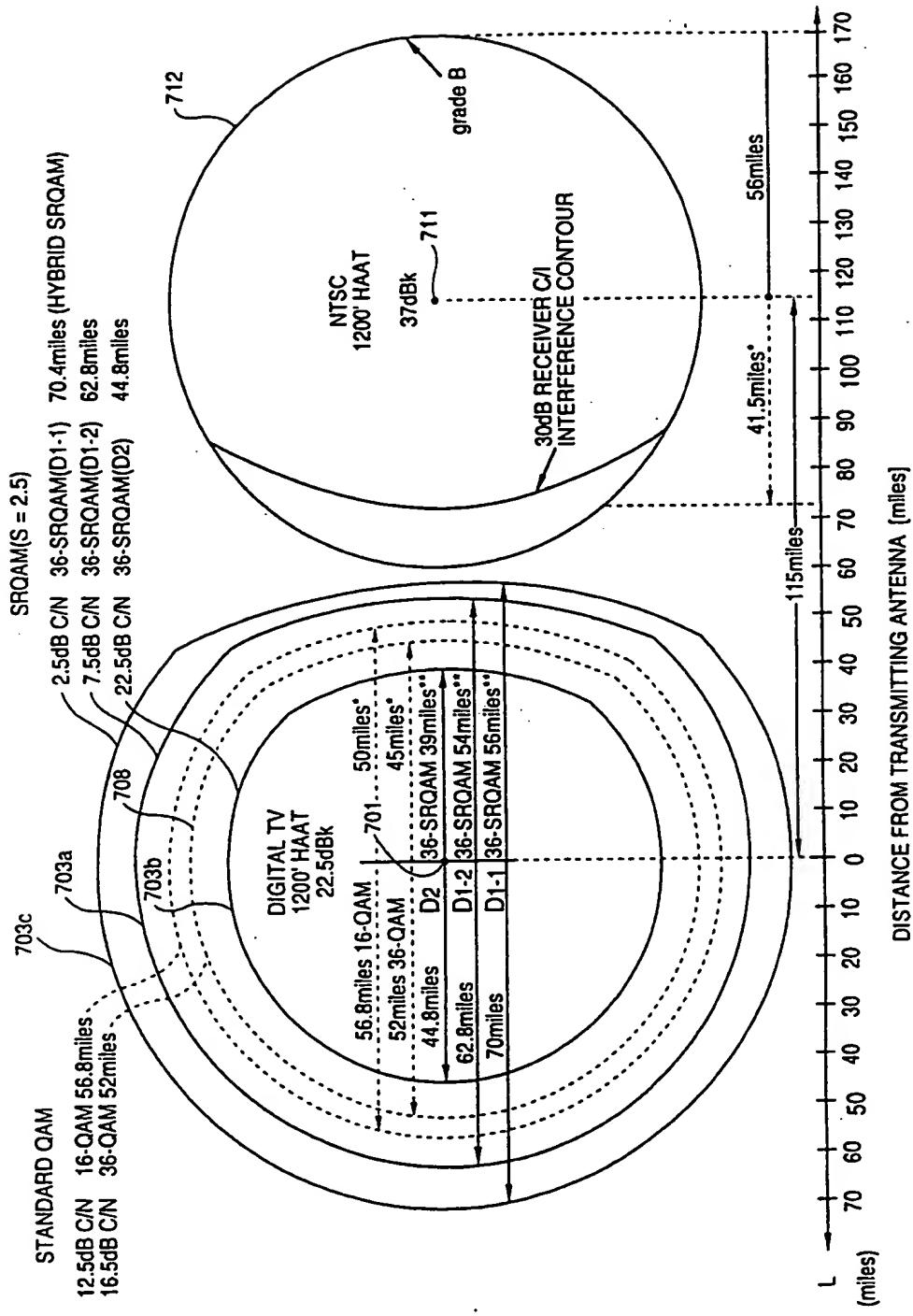


FIG. 107

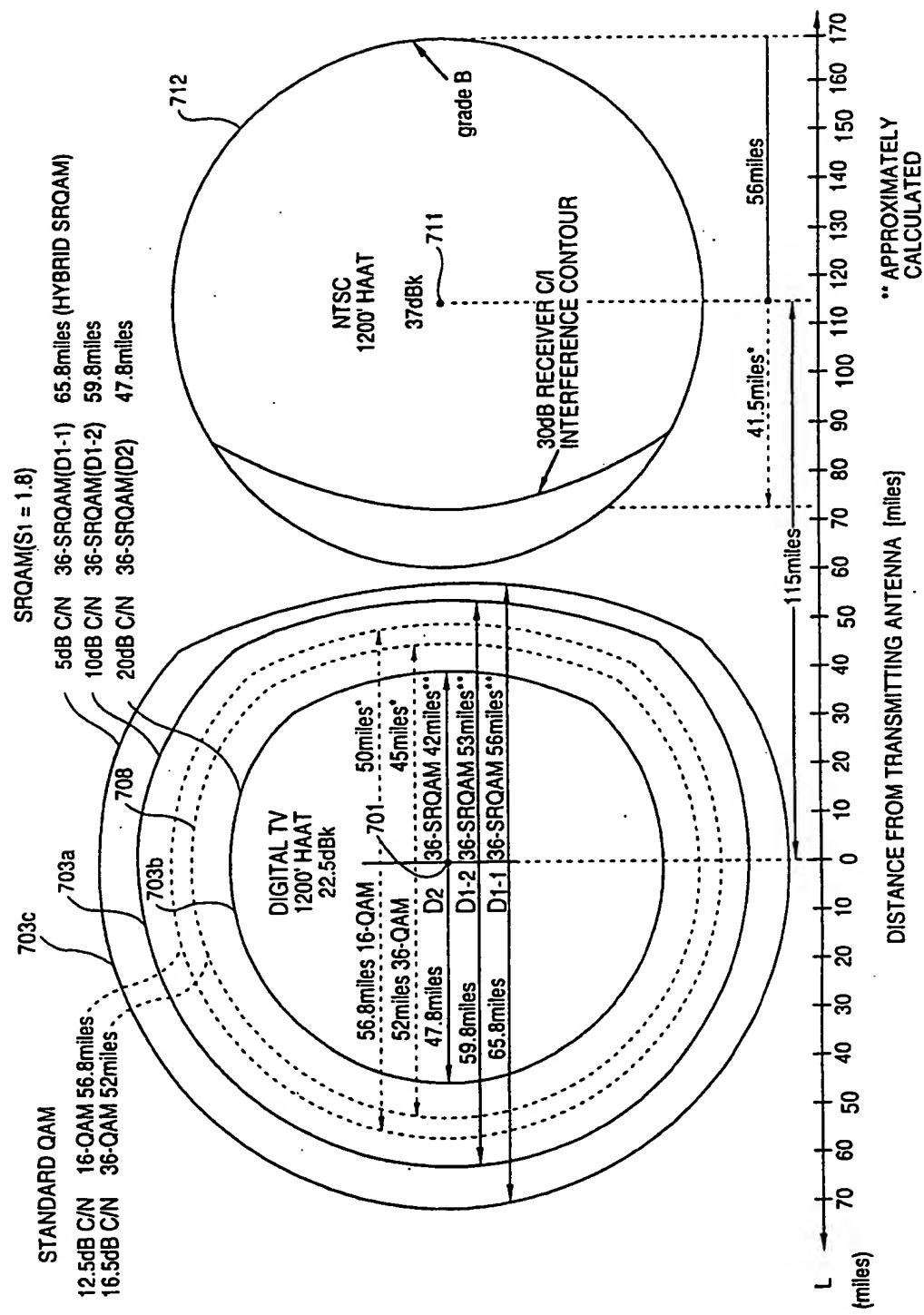


FIG. 108(a)

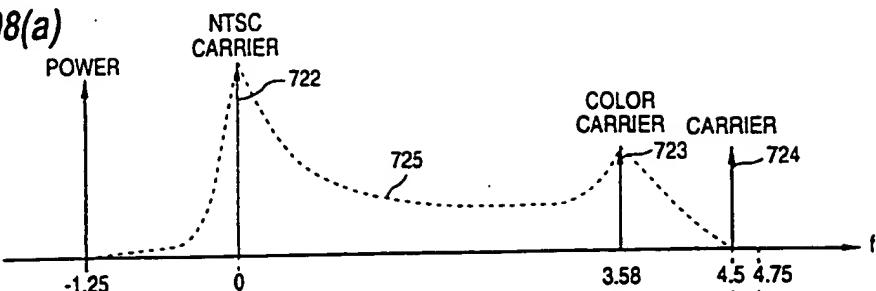


FIG. 108(b)

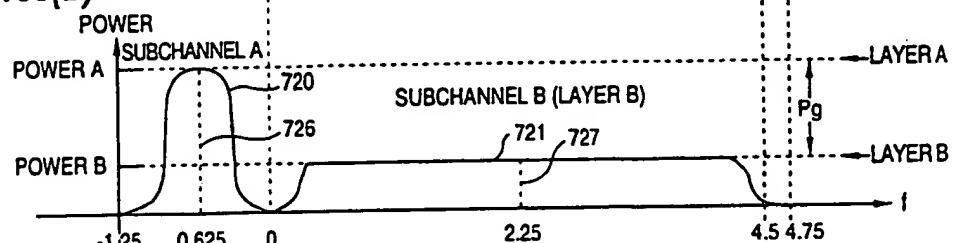


FIG. 108(c)

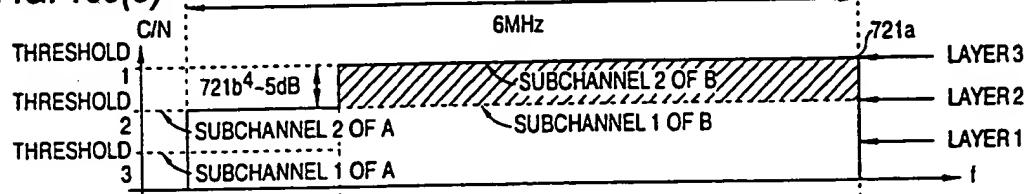


FIG. 108(d)

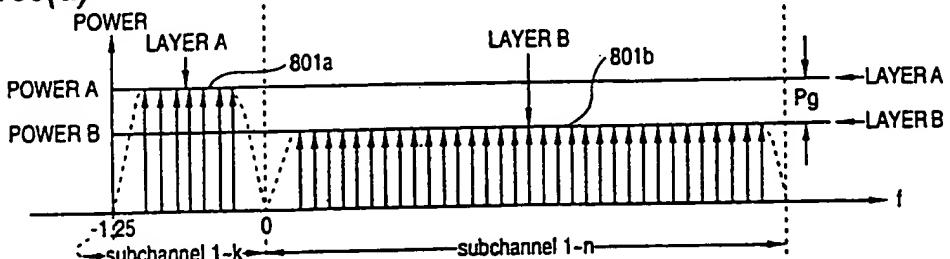


FIG. 108(e)

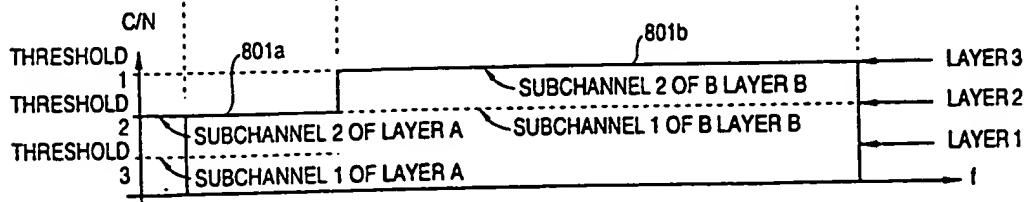


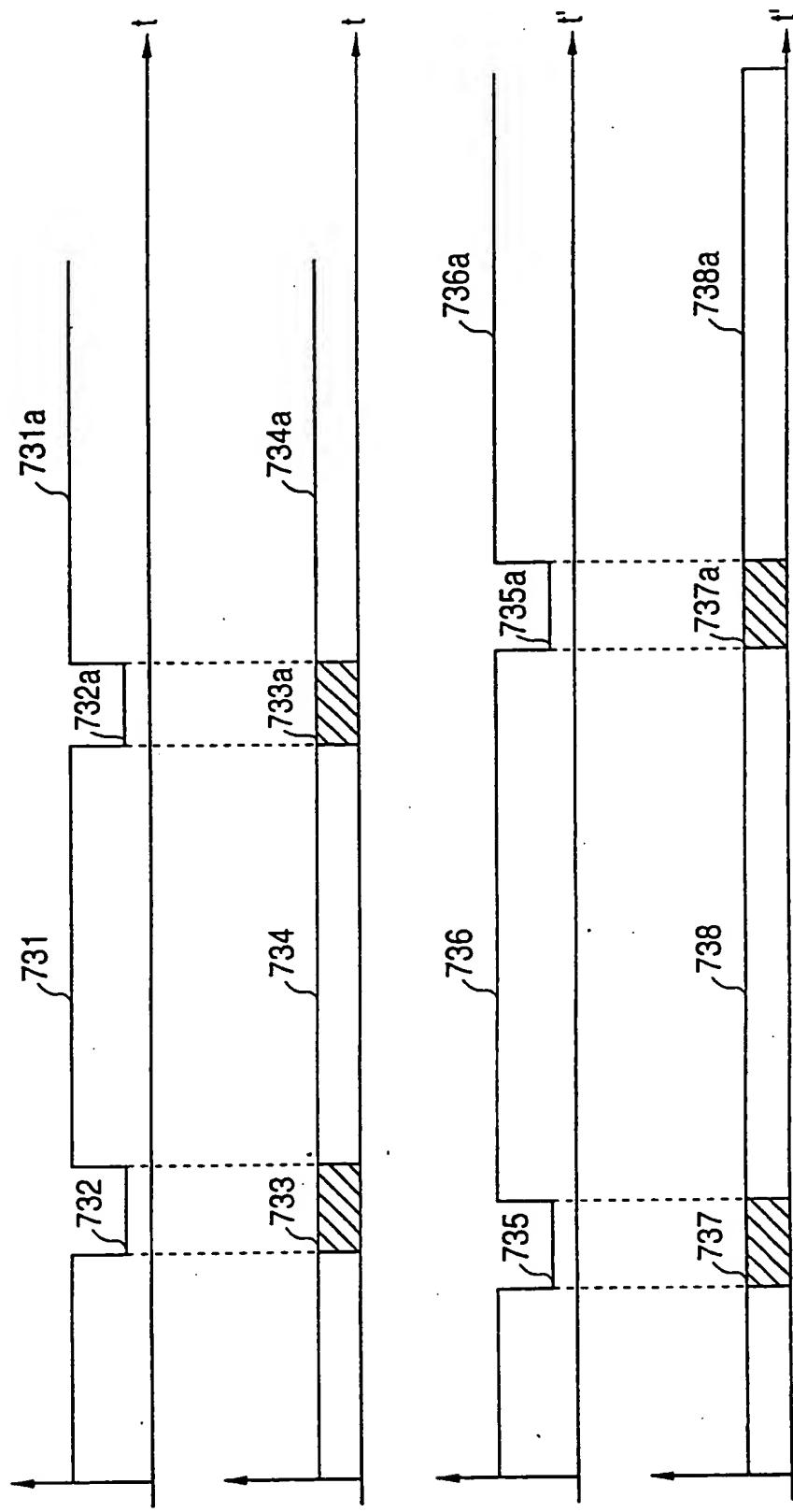
FIG. 109

FIG. 110

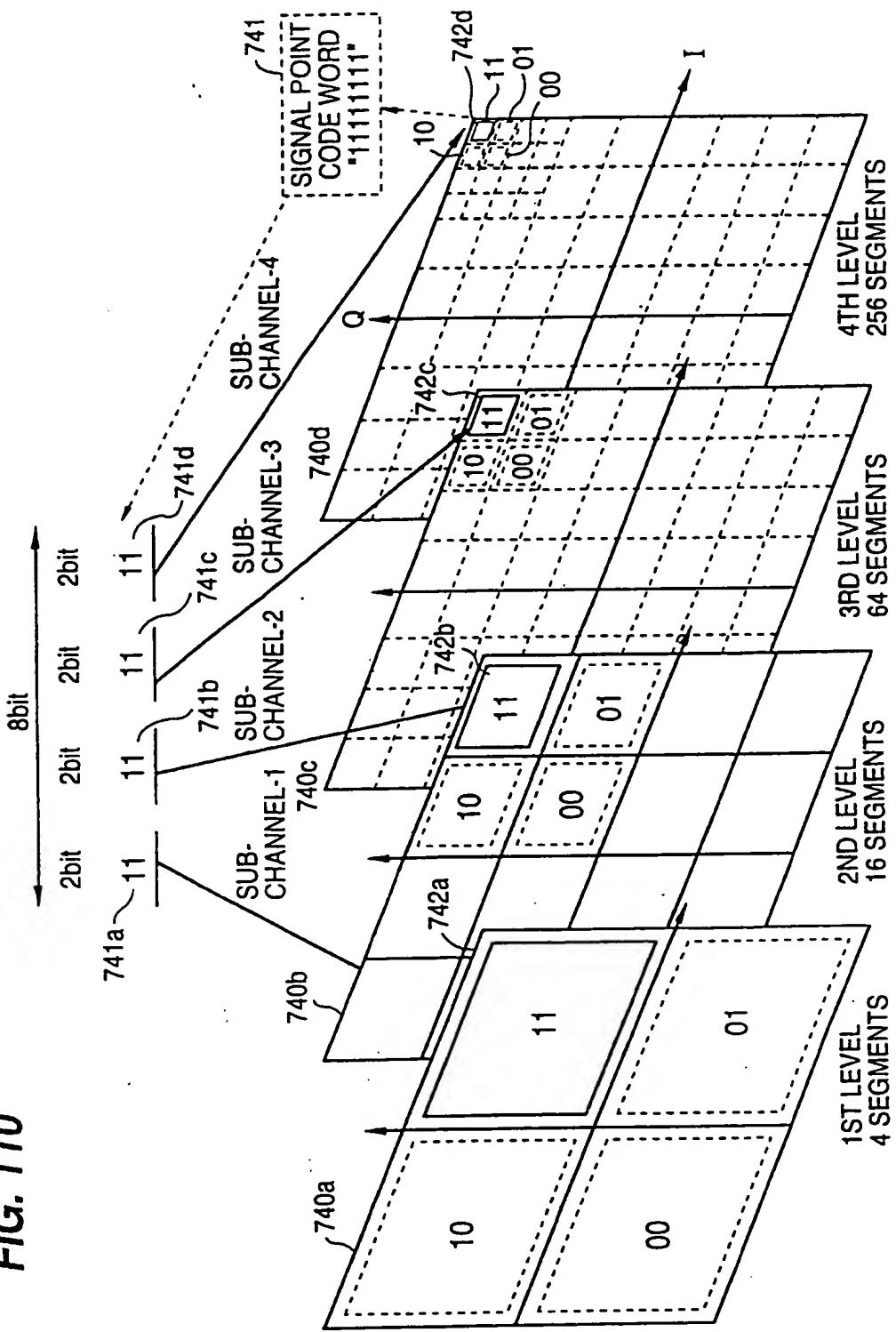
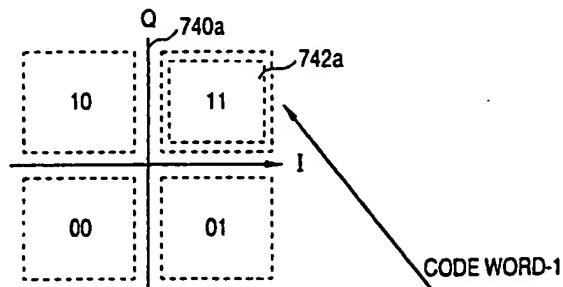
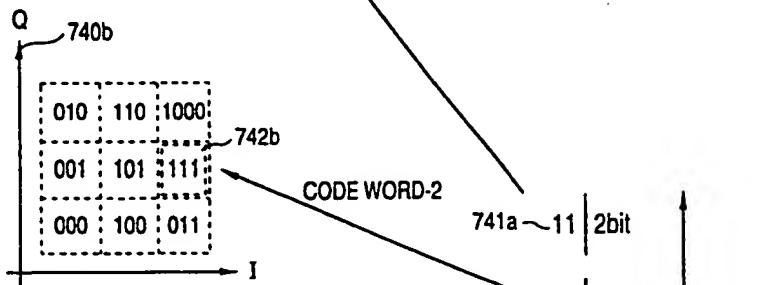


FIG. 111

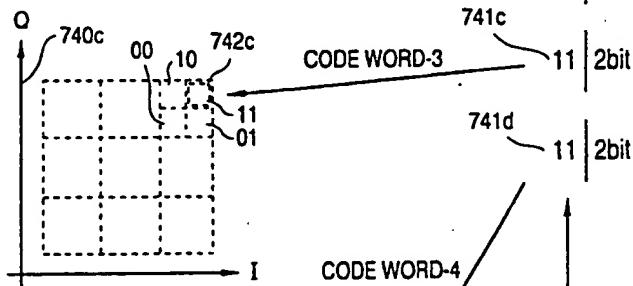
SUBCHANNEL-1 (SRQAM:D1 = 2bit)



SUBCHANNEL-2 (36-SRQAM:D2 = 3bit + 1/8bit)



SUBCHANNEL-3 (144-SRQAM:D3 = 2bit)



SUBCHANNEL-4 (576-SRQAM:D4 = 2bit)

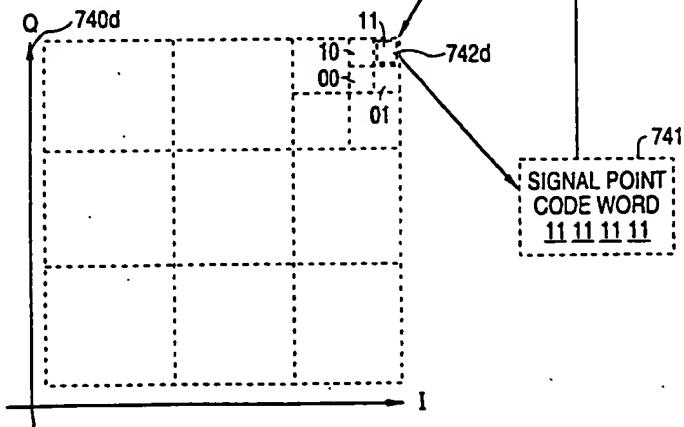
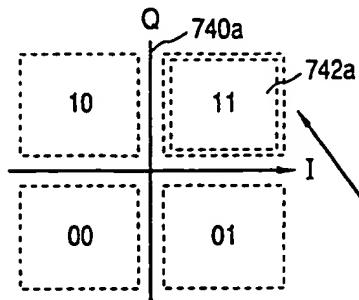
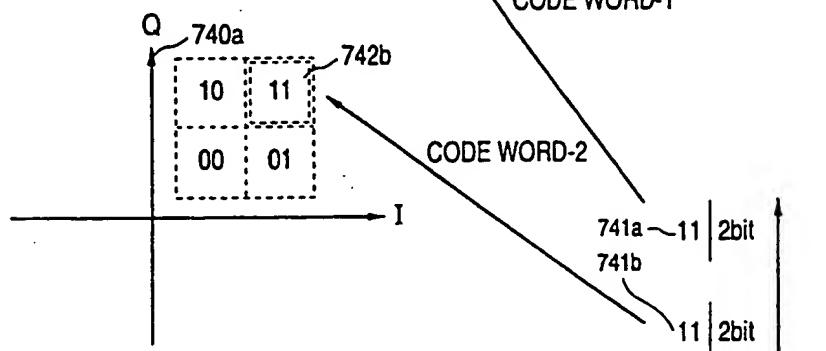


FIG. 112

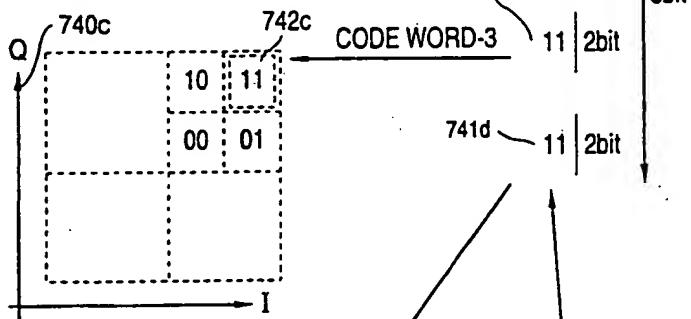
SUBCHANNEL-1 (SRQAM:D1 = 2bit)



SUBCHANNEL-2 (16-SRQAM:D2 = 2bit)



SUBCHANNEL-3 (64-SRQAM:D3 = 2bit)



SUBCHANNEL-4 (256-SRQAM:D4 = 2bit)

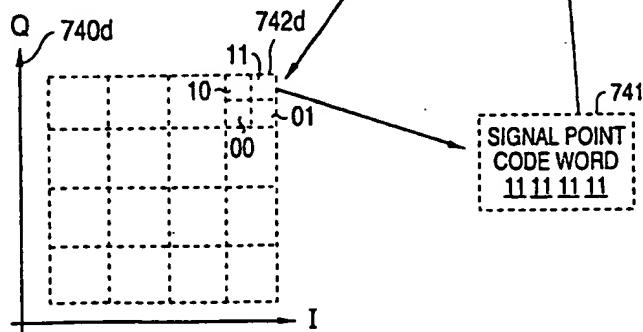


FIG. 113

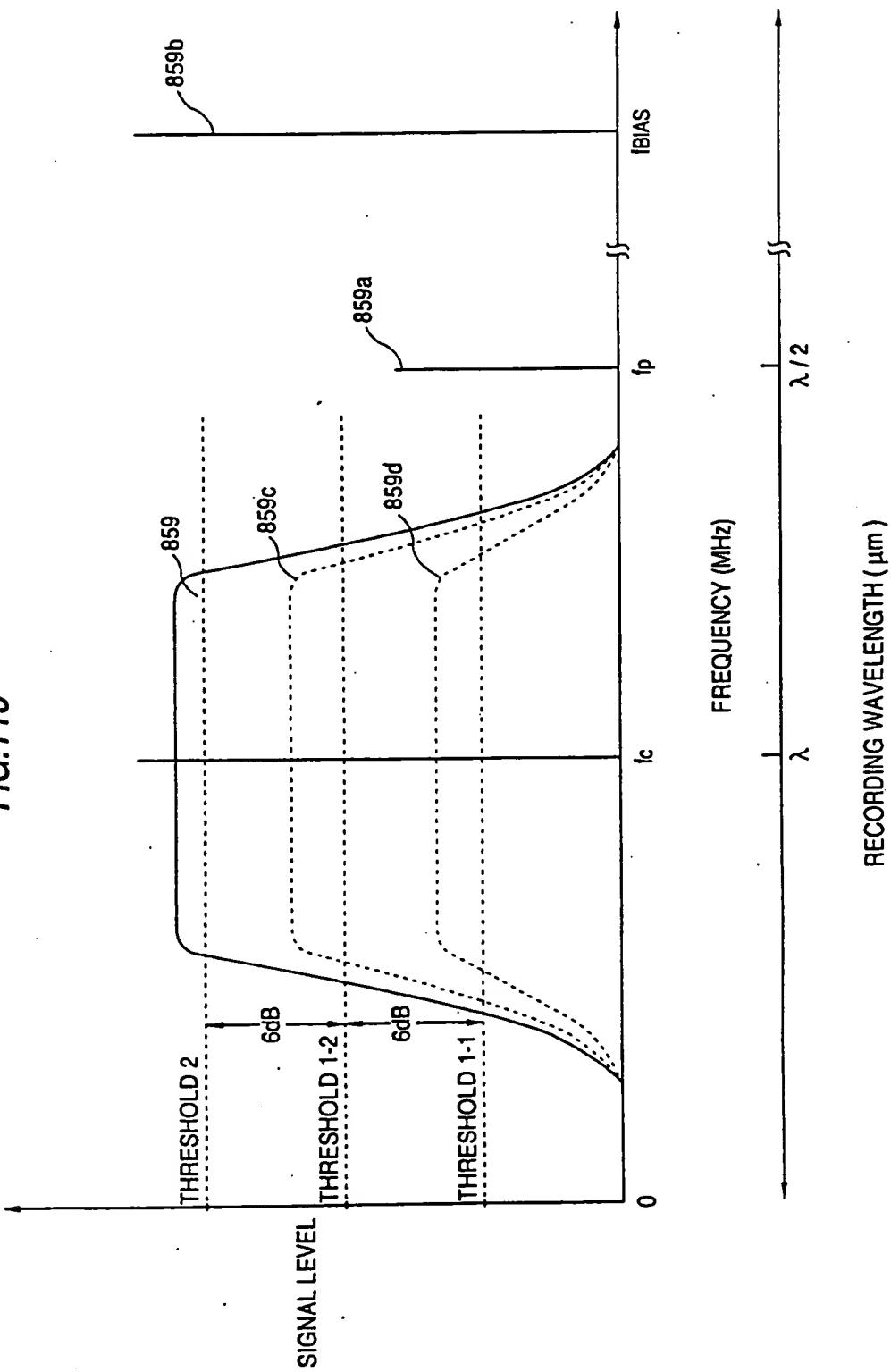


FIG. 114

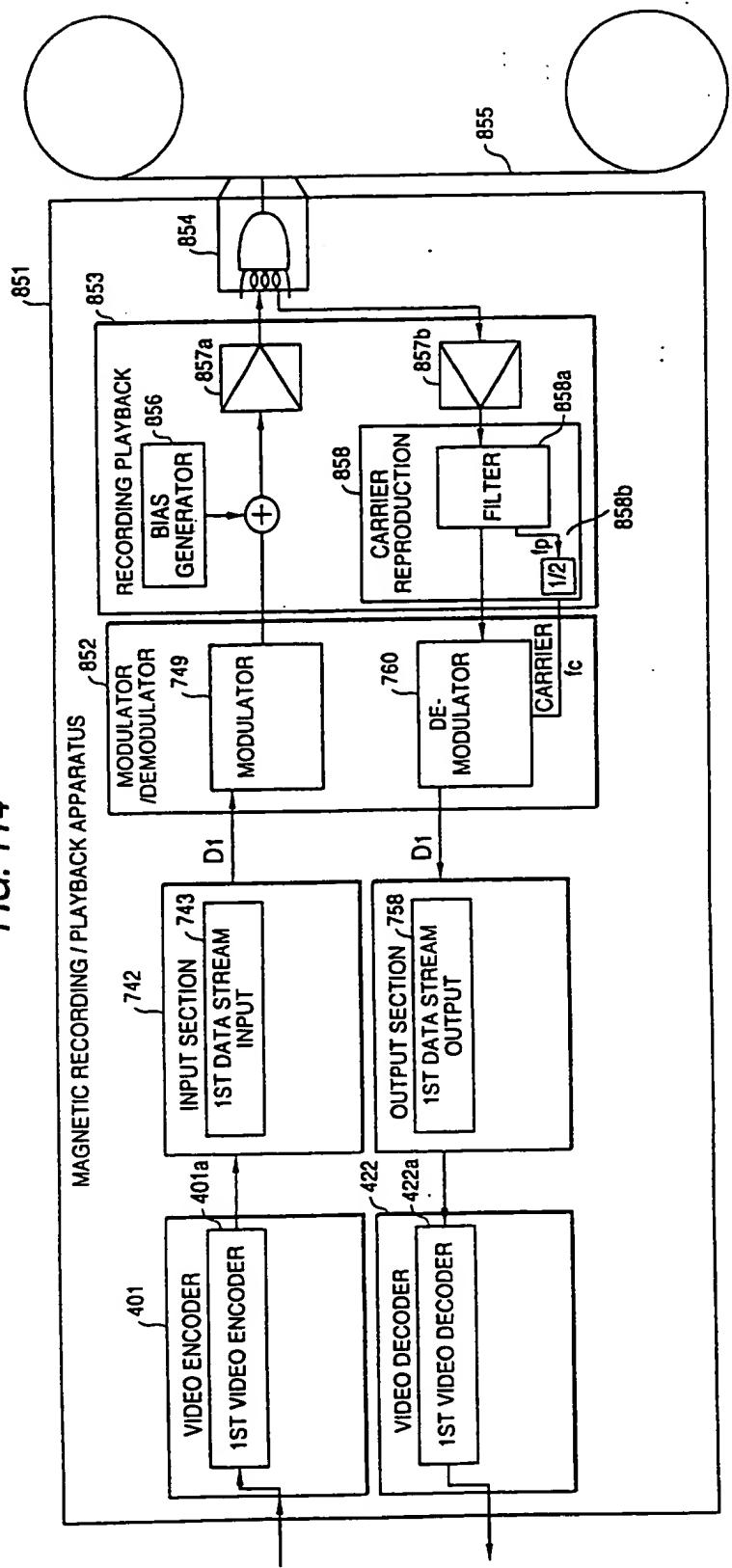


FIG. 115

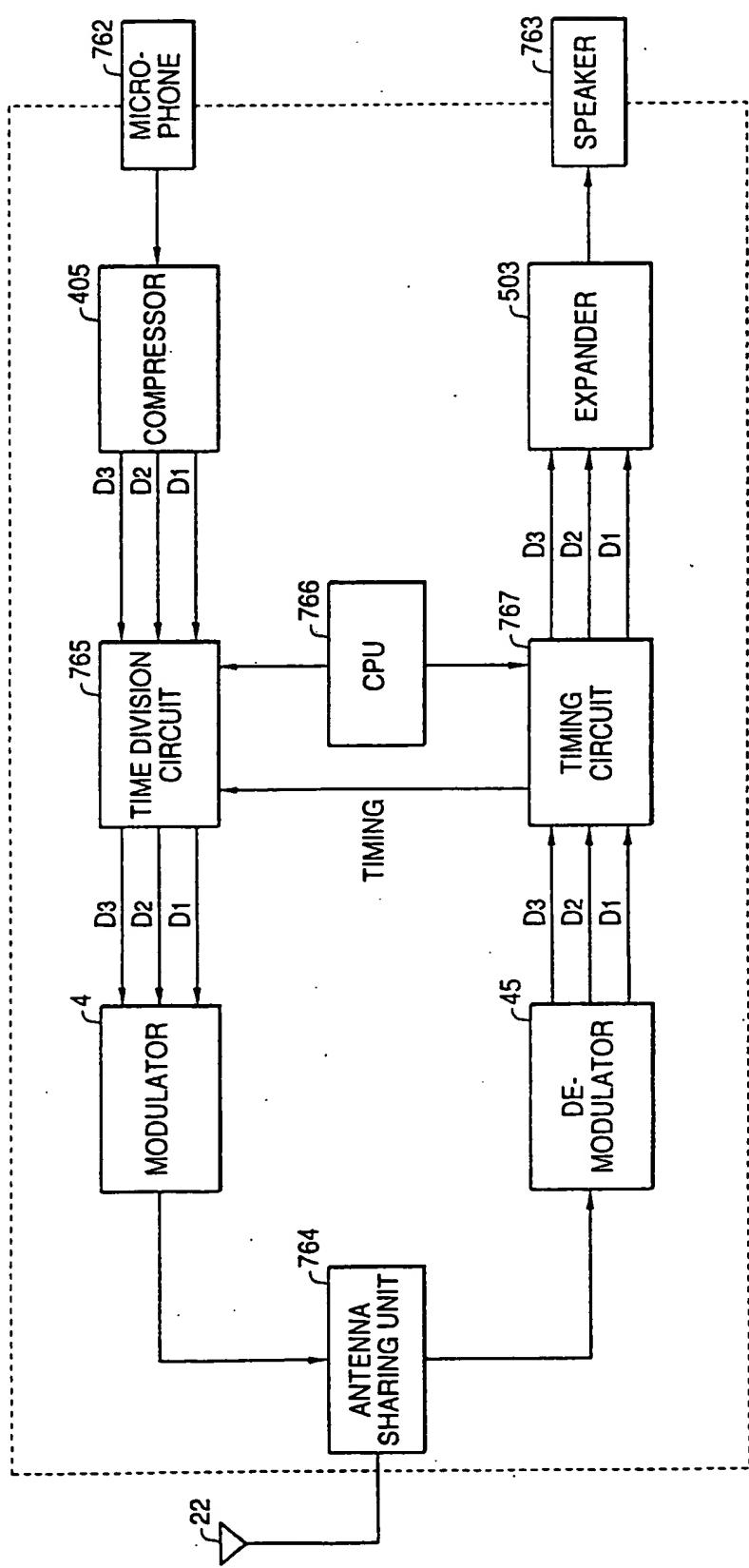
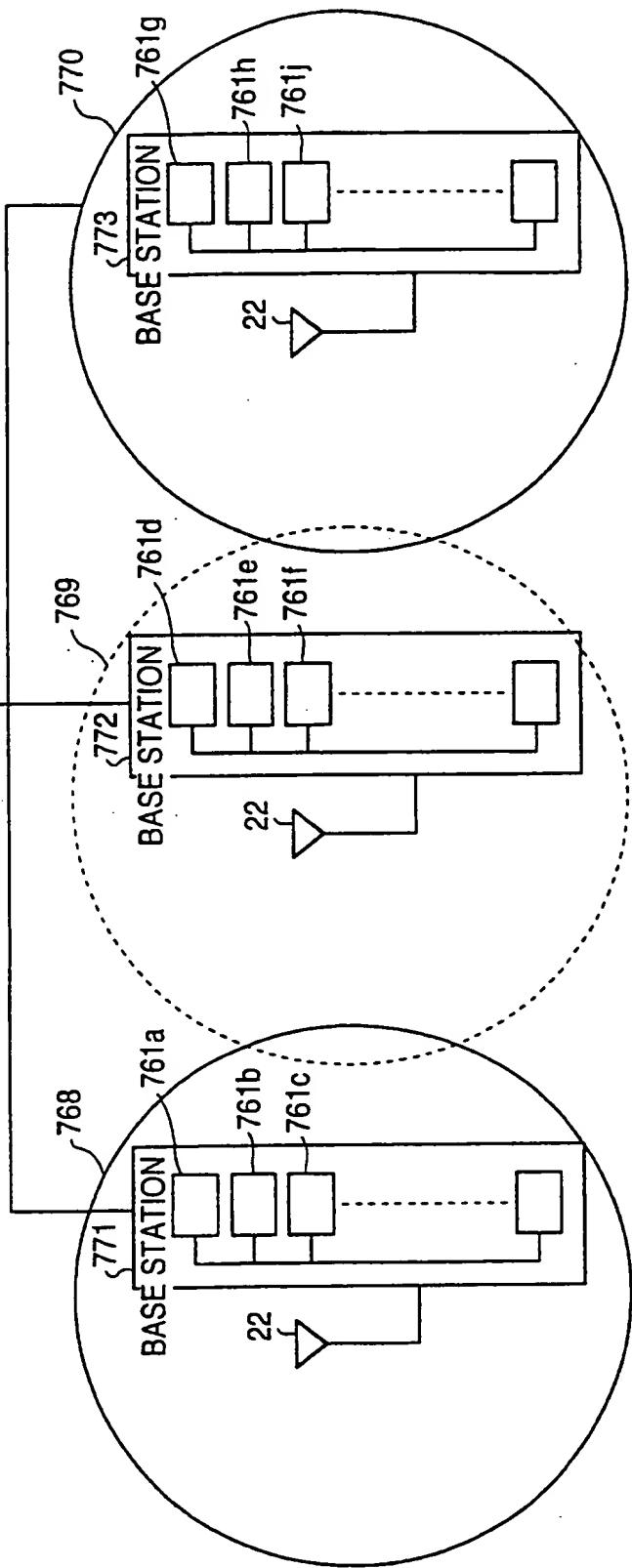


FIG. 116

BASE STATION CONTROLLER 774



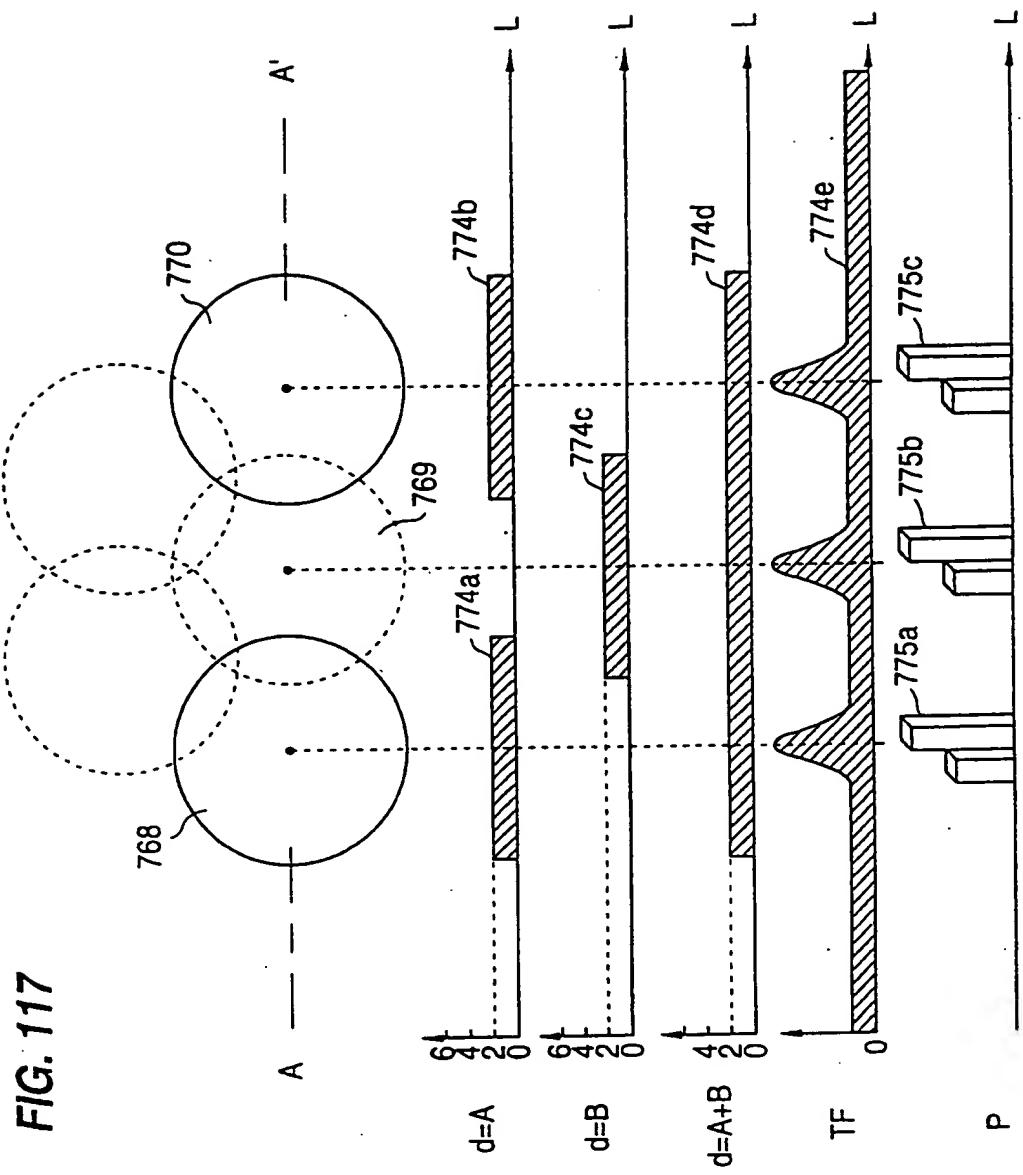
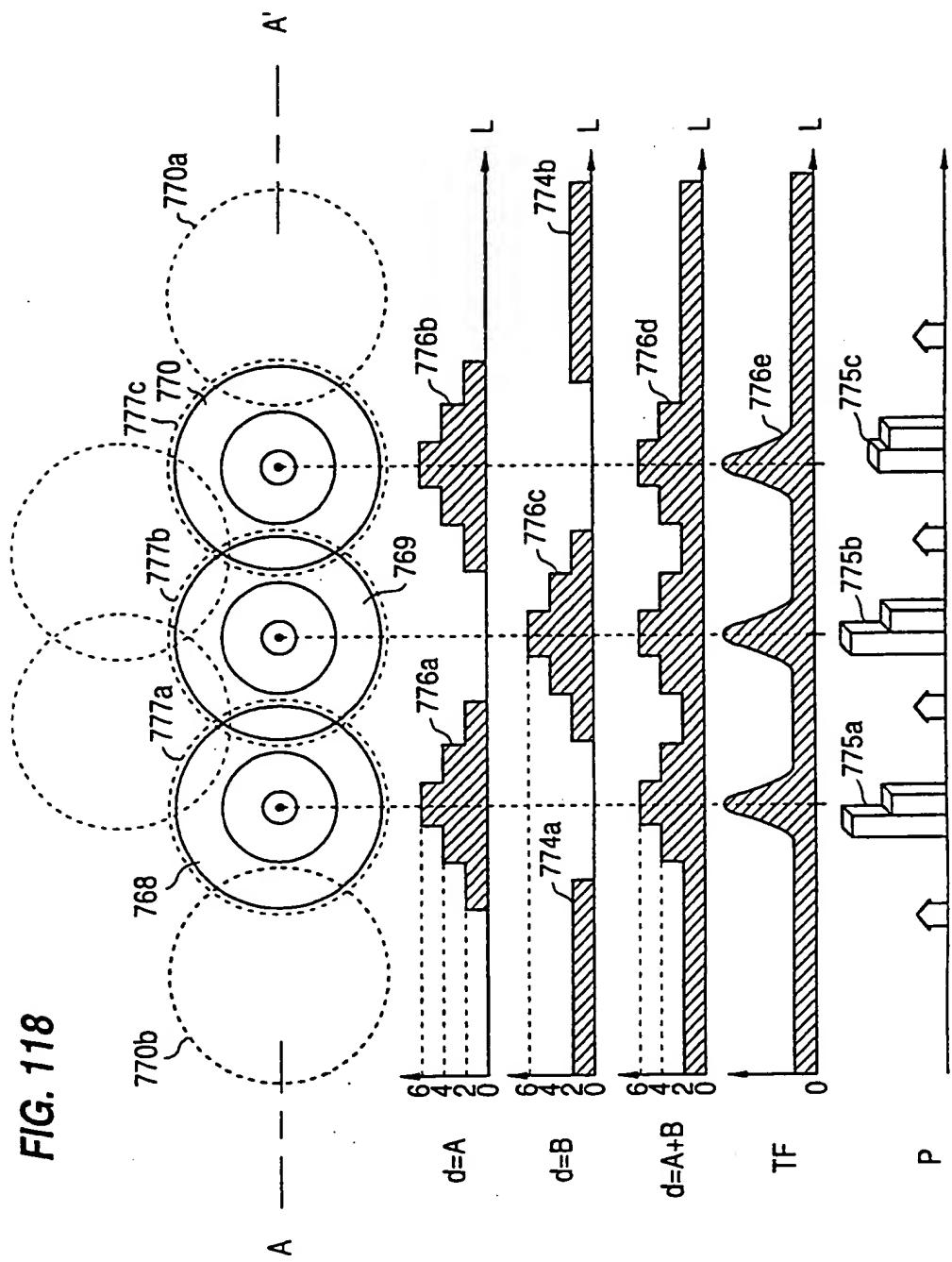


FIG. 118



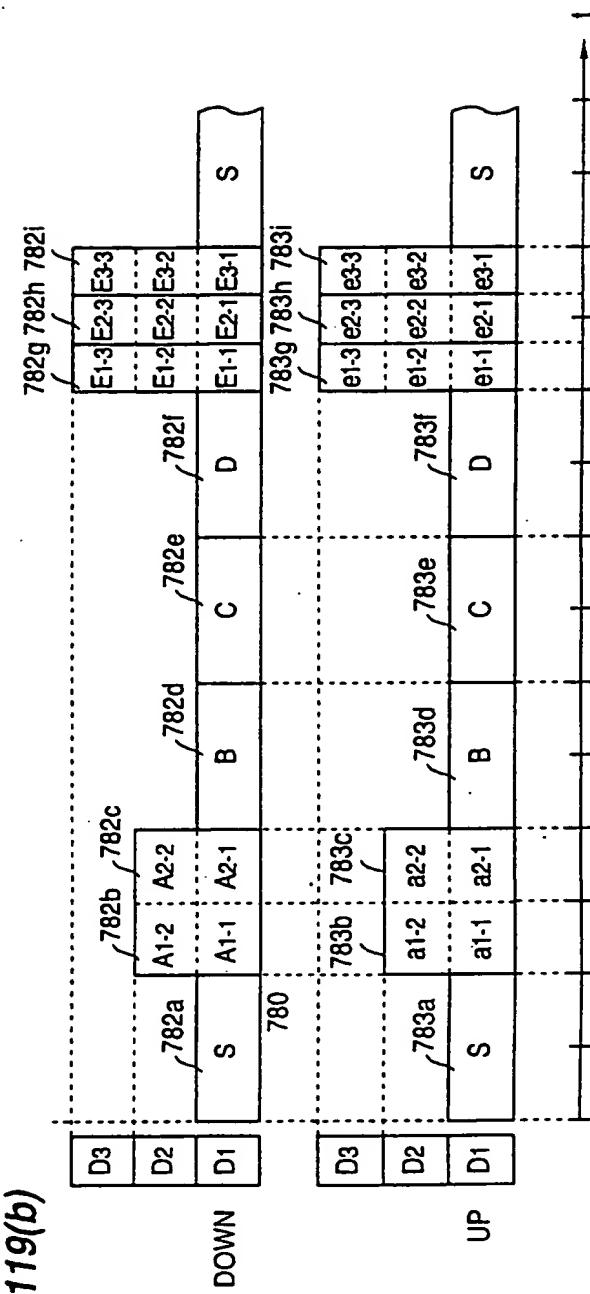
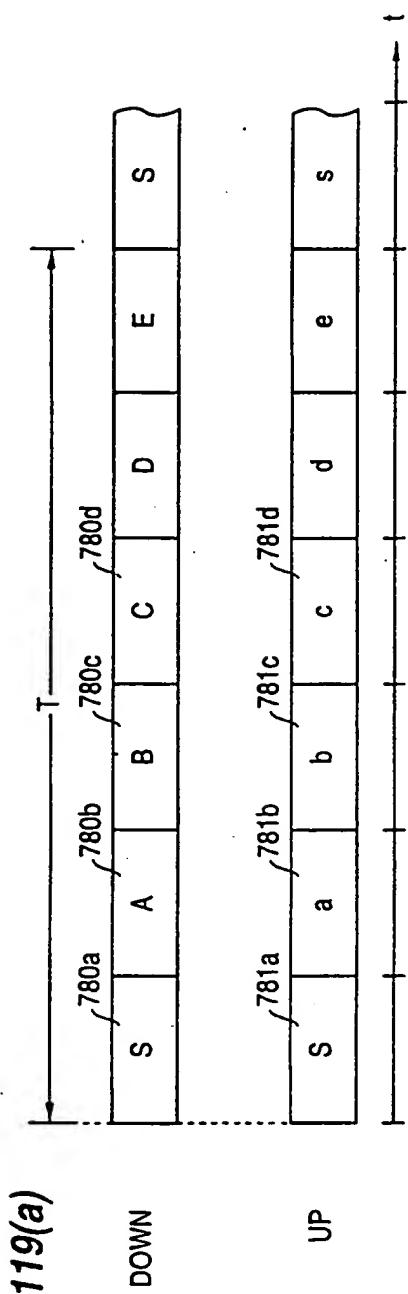


FIG. 120(a)

S	A	a	B	b	C	c	D	d	E	e	F	f	I	s
785	786a	787a	786b	787b	786c	787c	786d	787d	786e	787e	786f	787f	786i	787i
/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

FIG. 120(b)

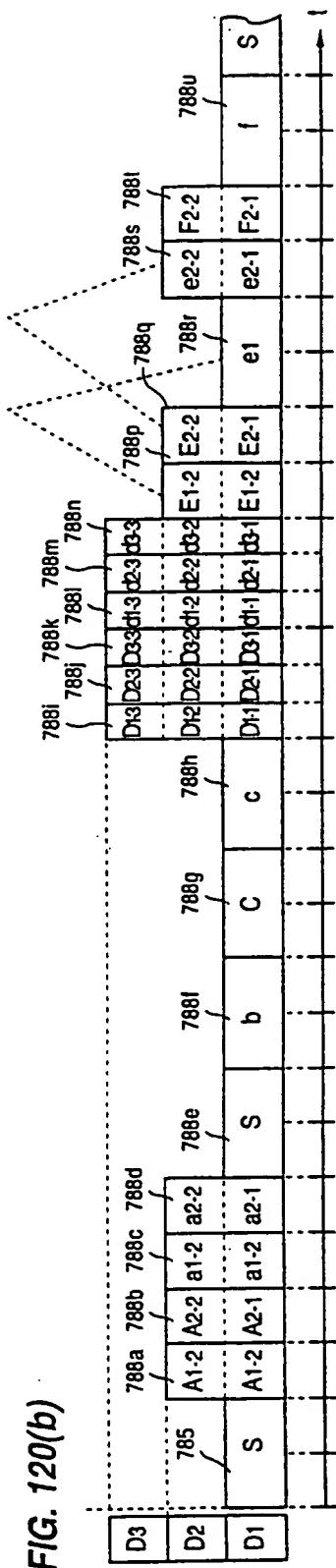


FIG. 121

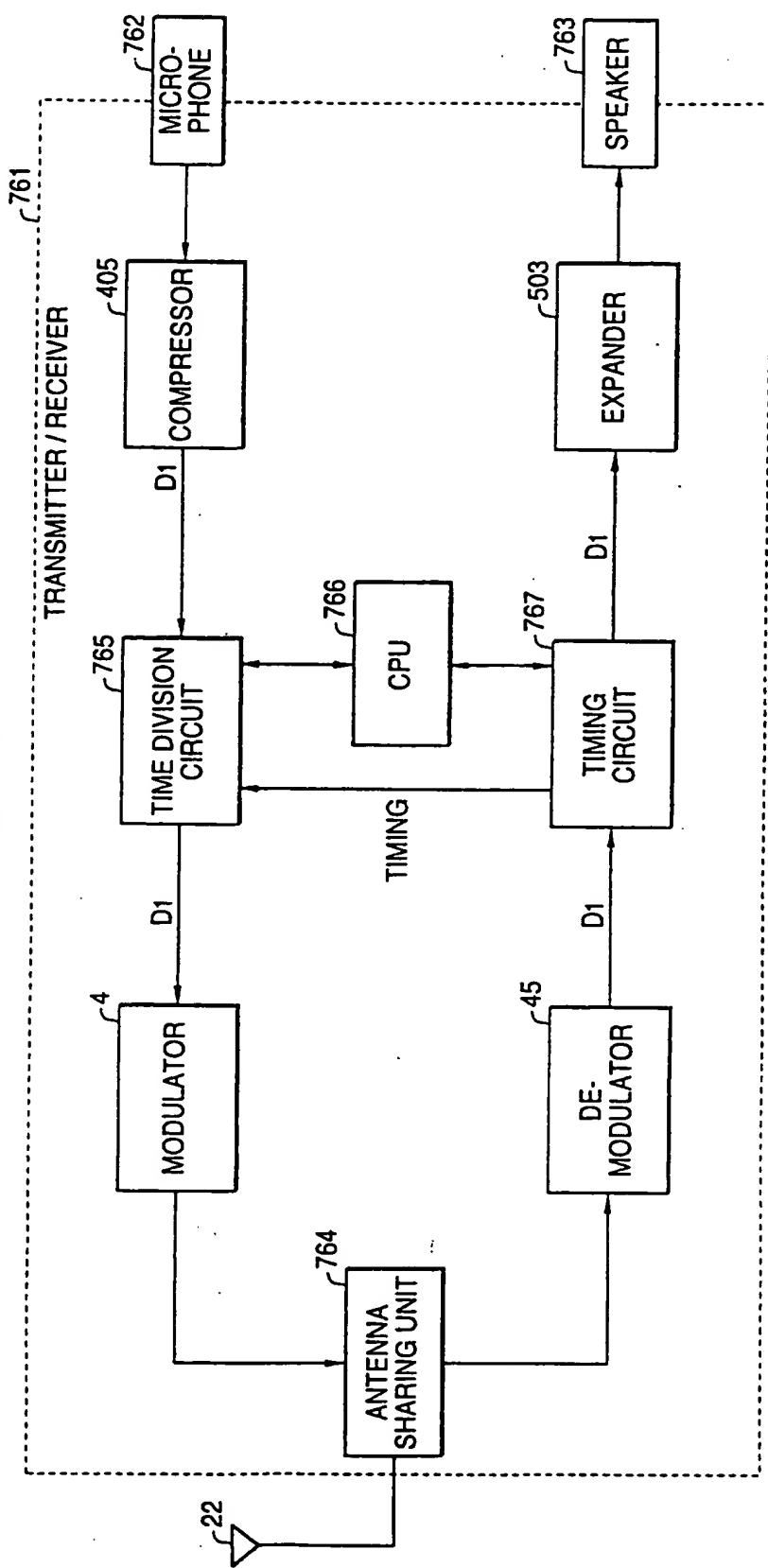
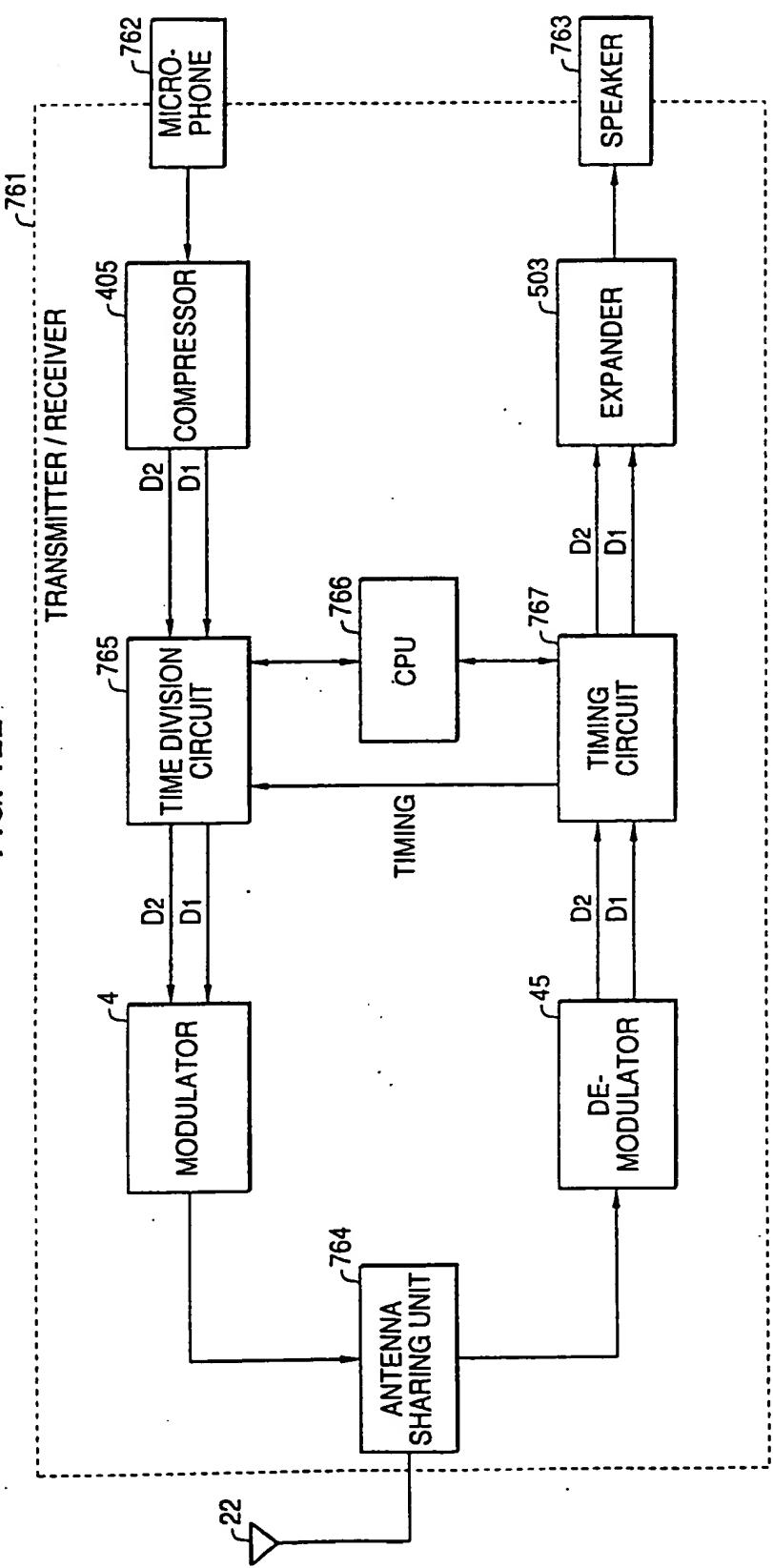


FIG. 122



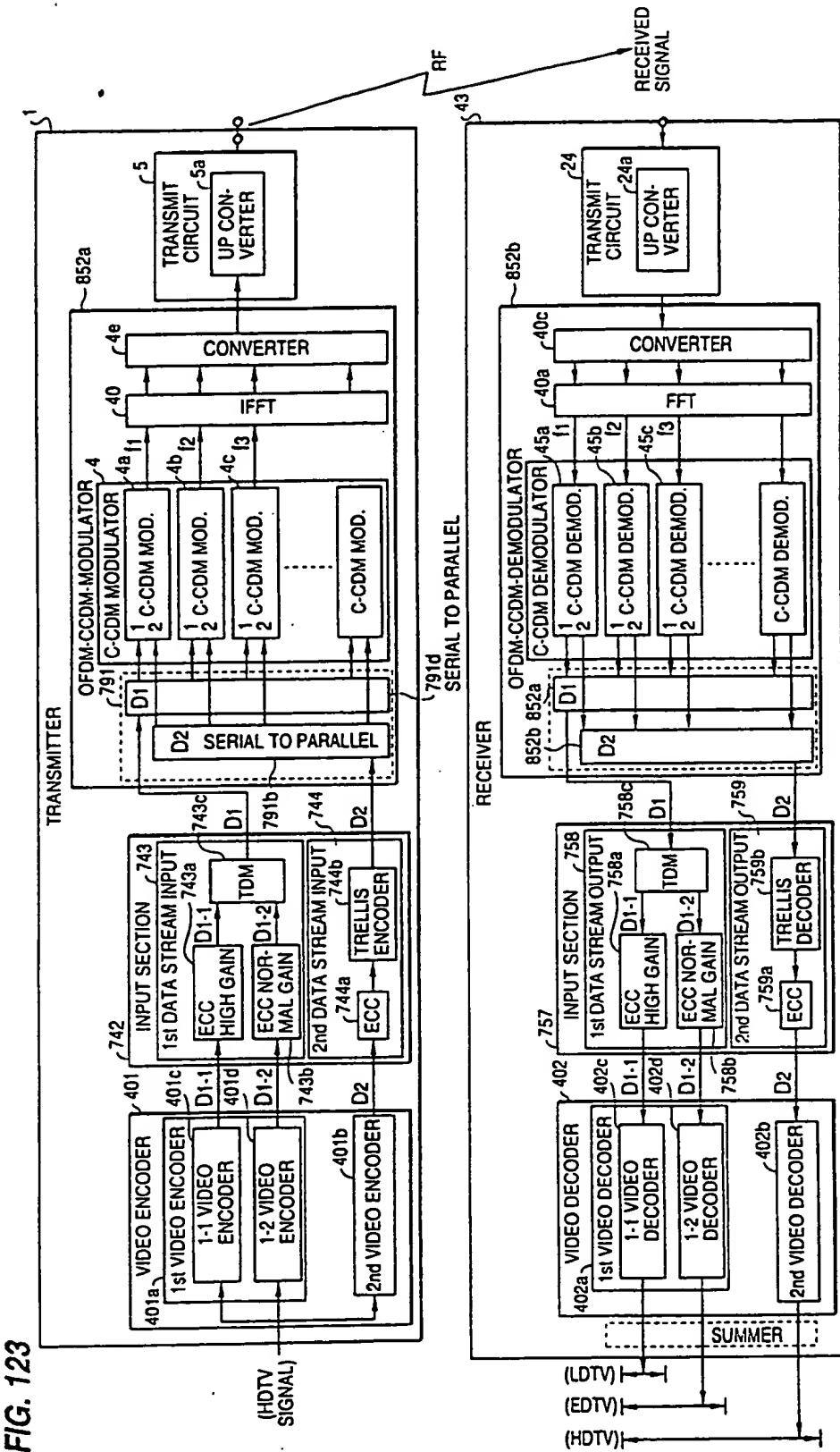
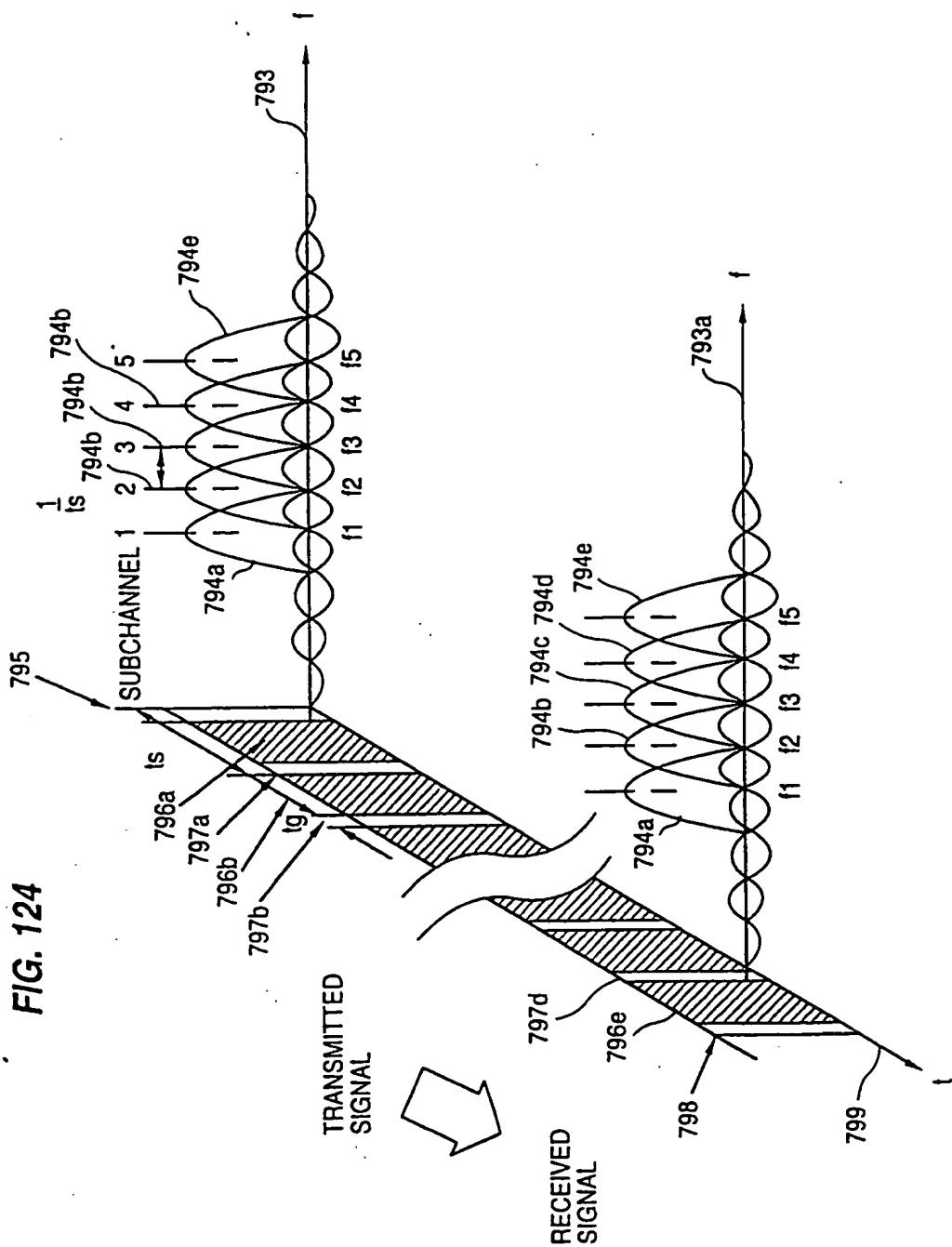


FIG. 123



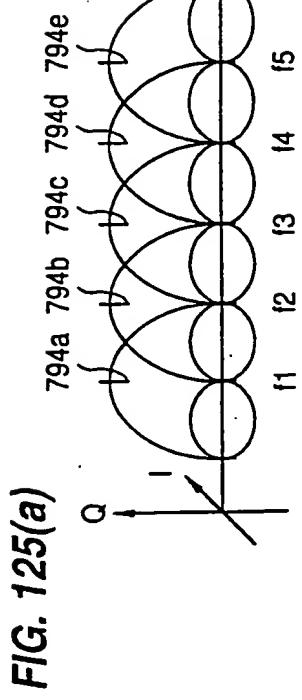
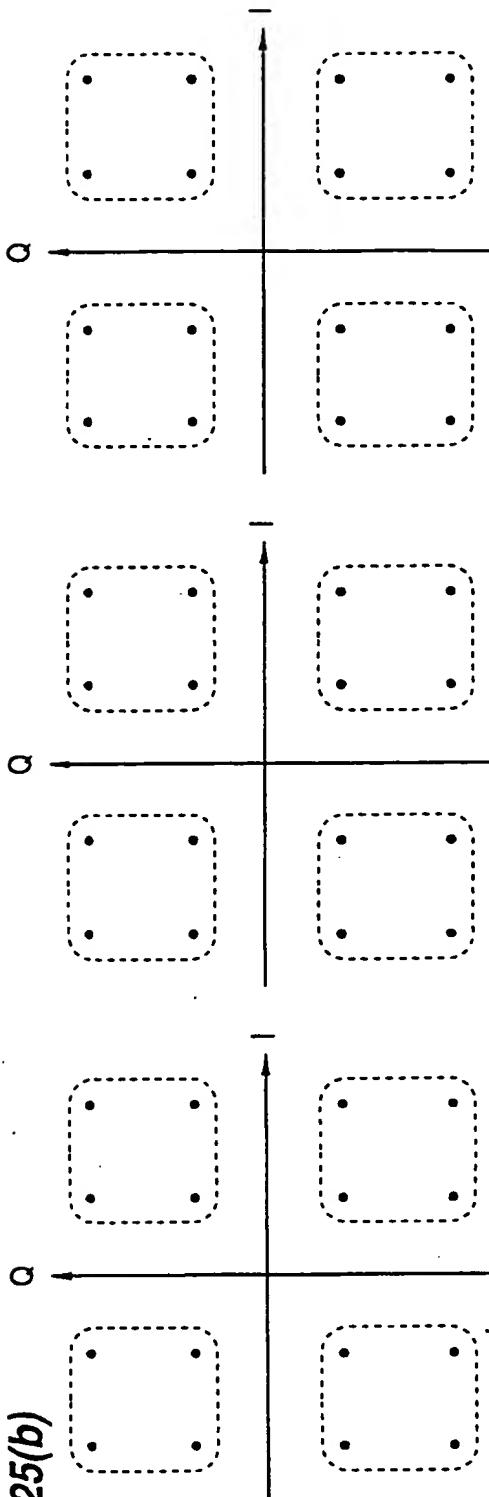


FIG. 125(b)



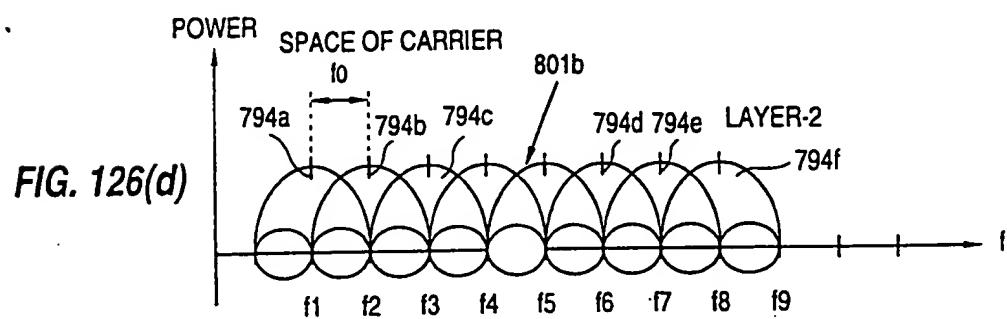
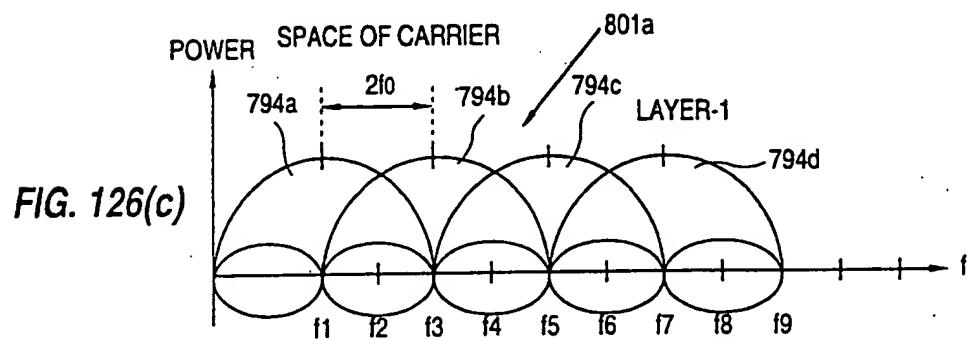
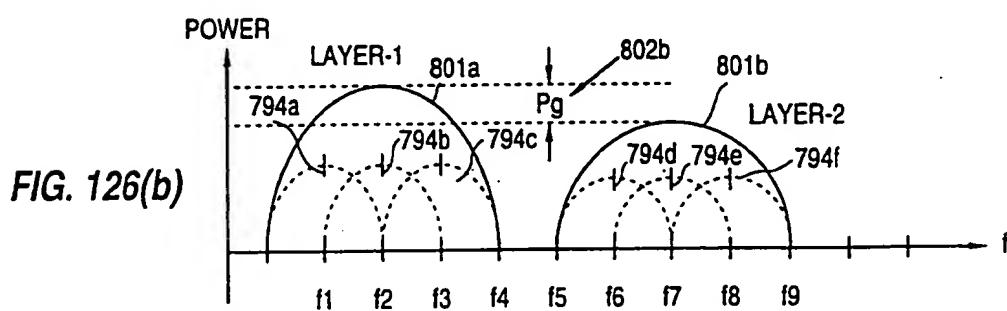
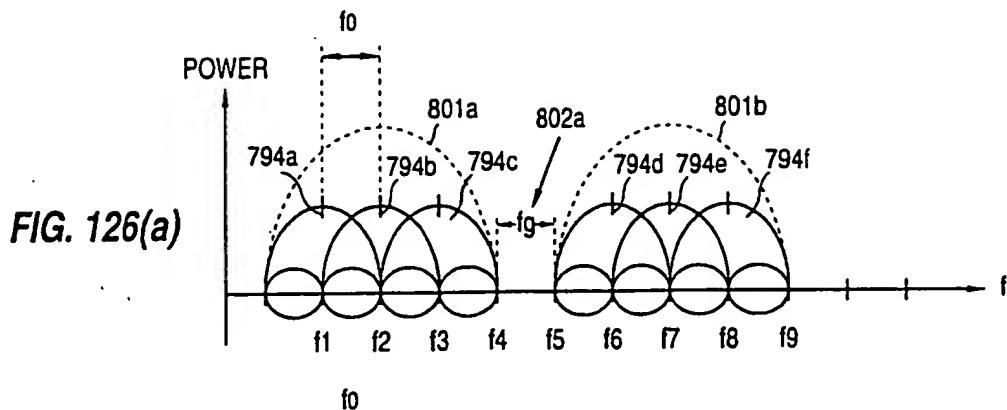


FIG. 127

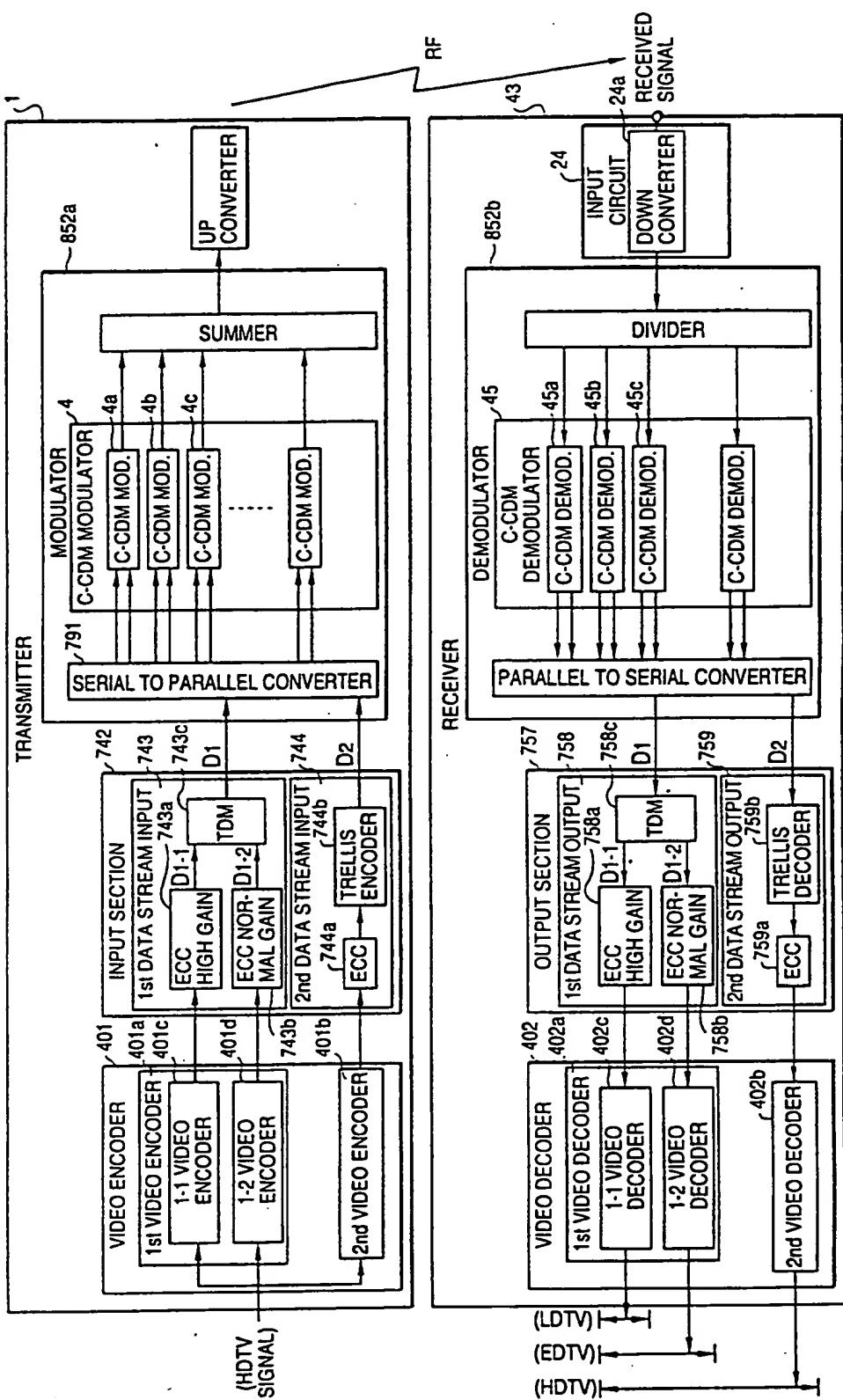


FIG. 128(a)

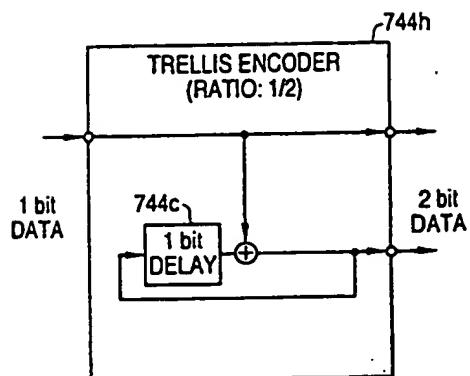


FIG. 128(d)

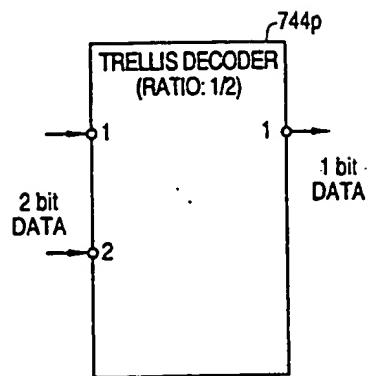


FIG. 128(b)

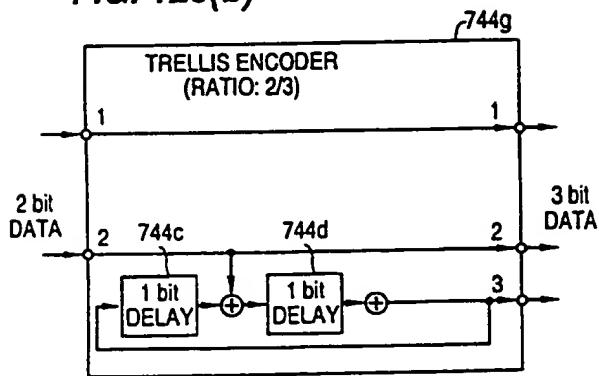


FIG. 128(e)

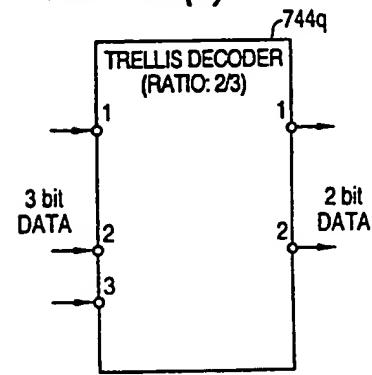


FIG. 128(c)

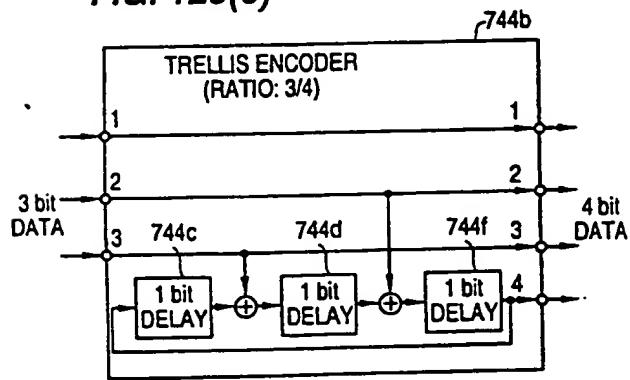


FIG. 128(f)

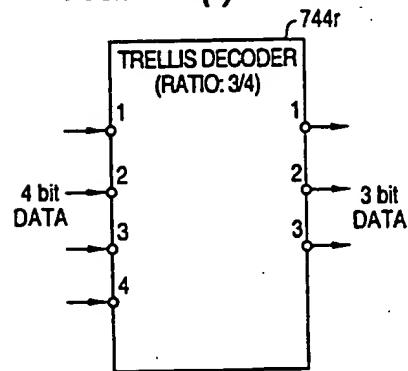


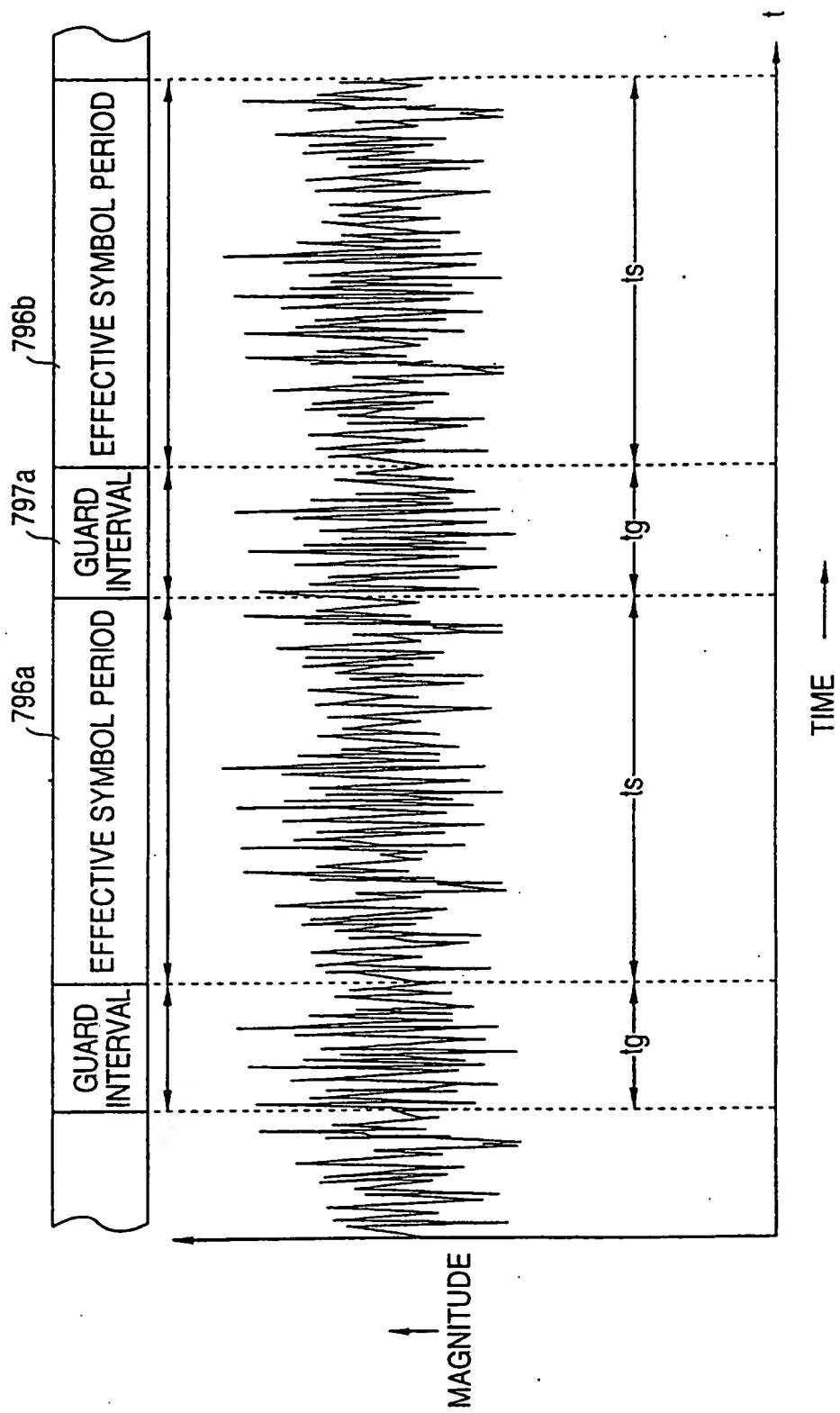
FIG. 129

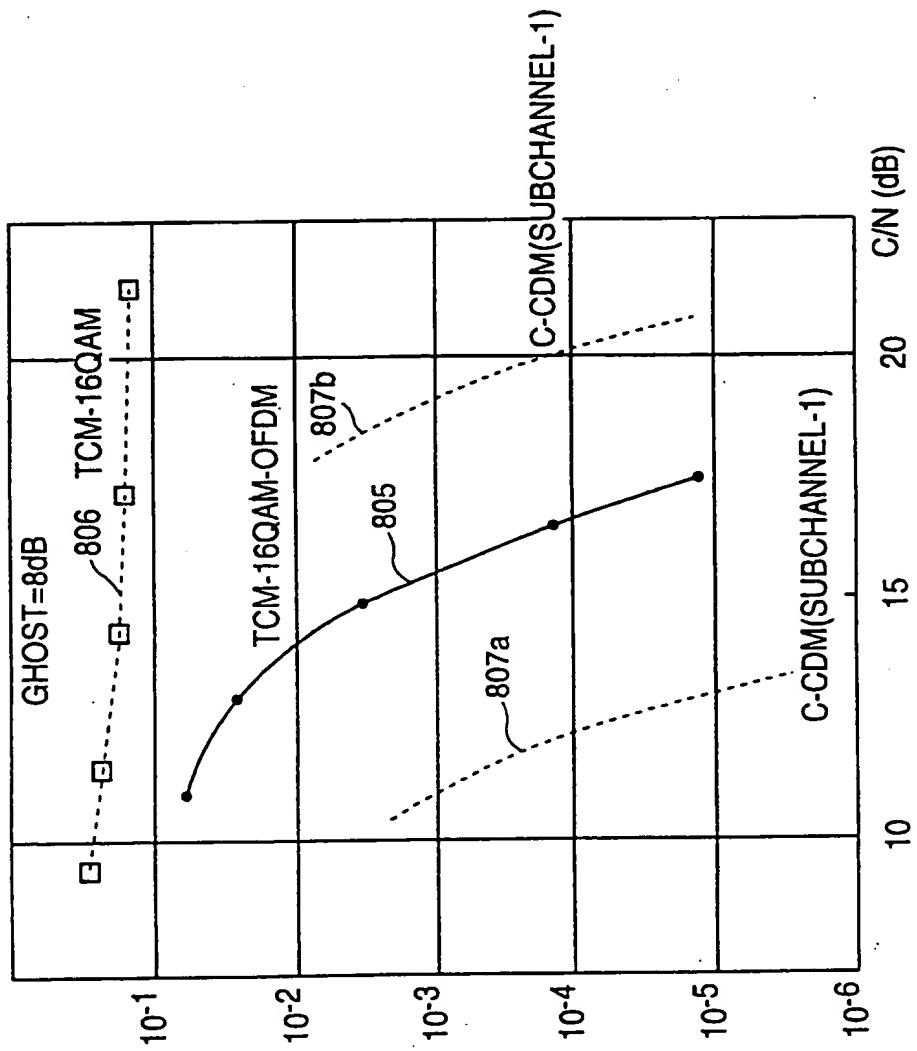
FIG. 130

FIG. 131

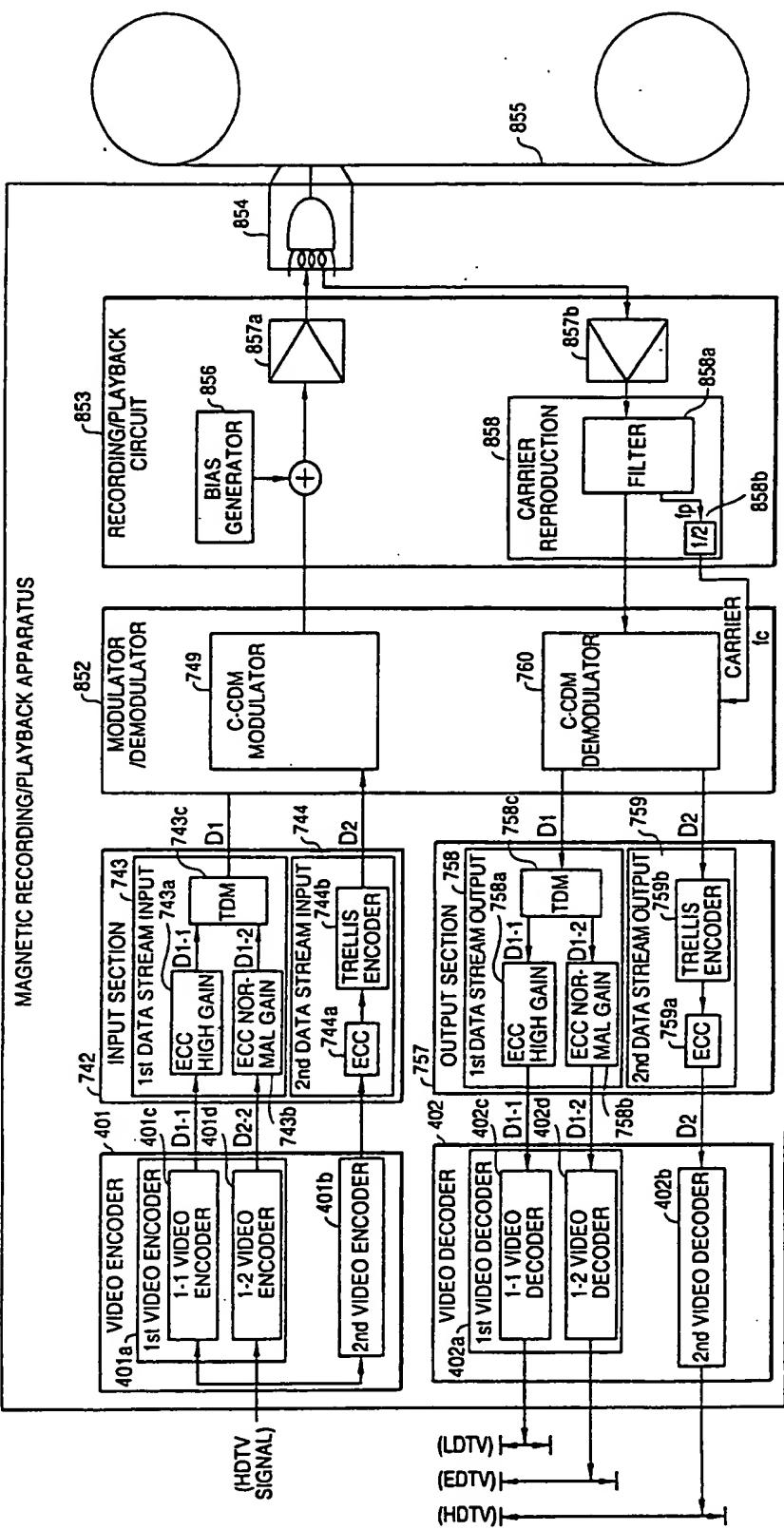


FIG. 132

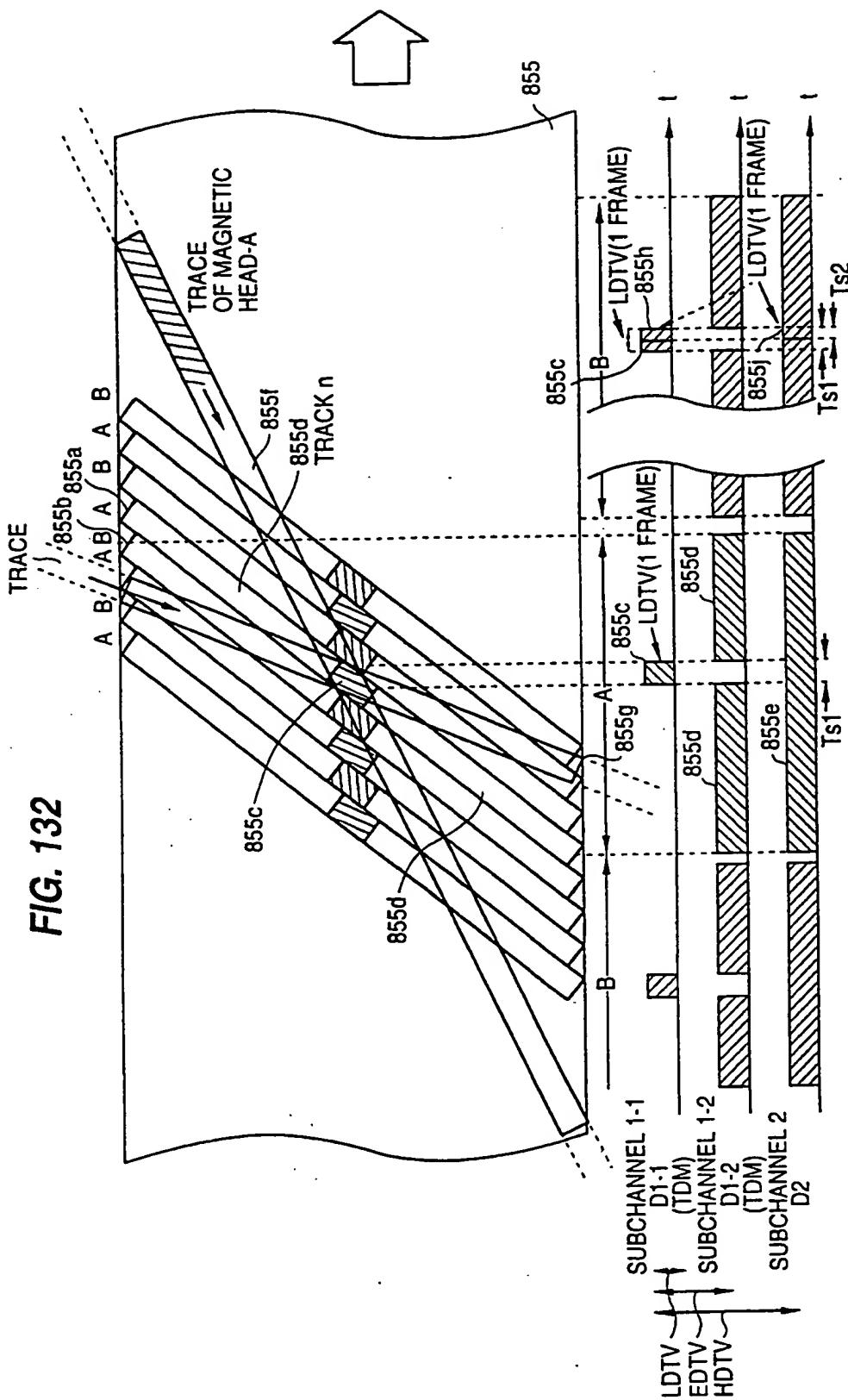


FIG. 133

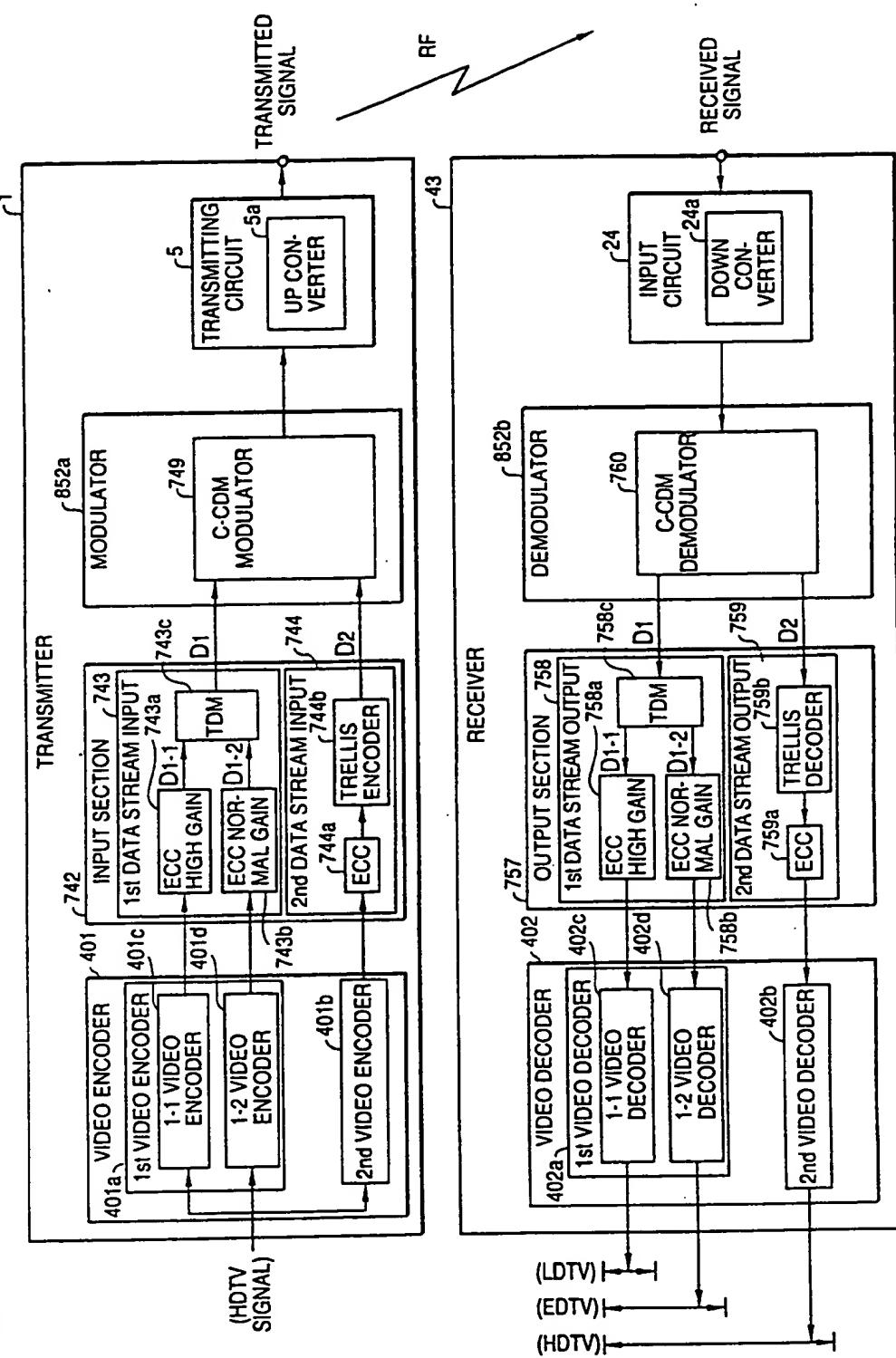


FIG. 134

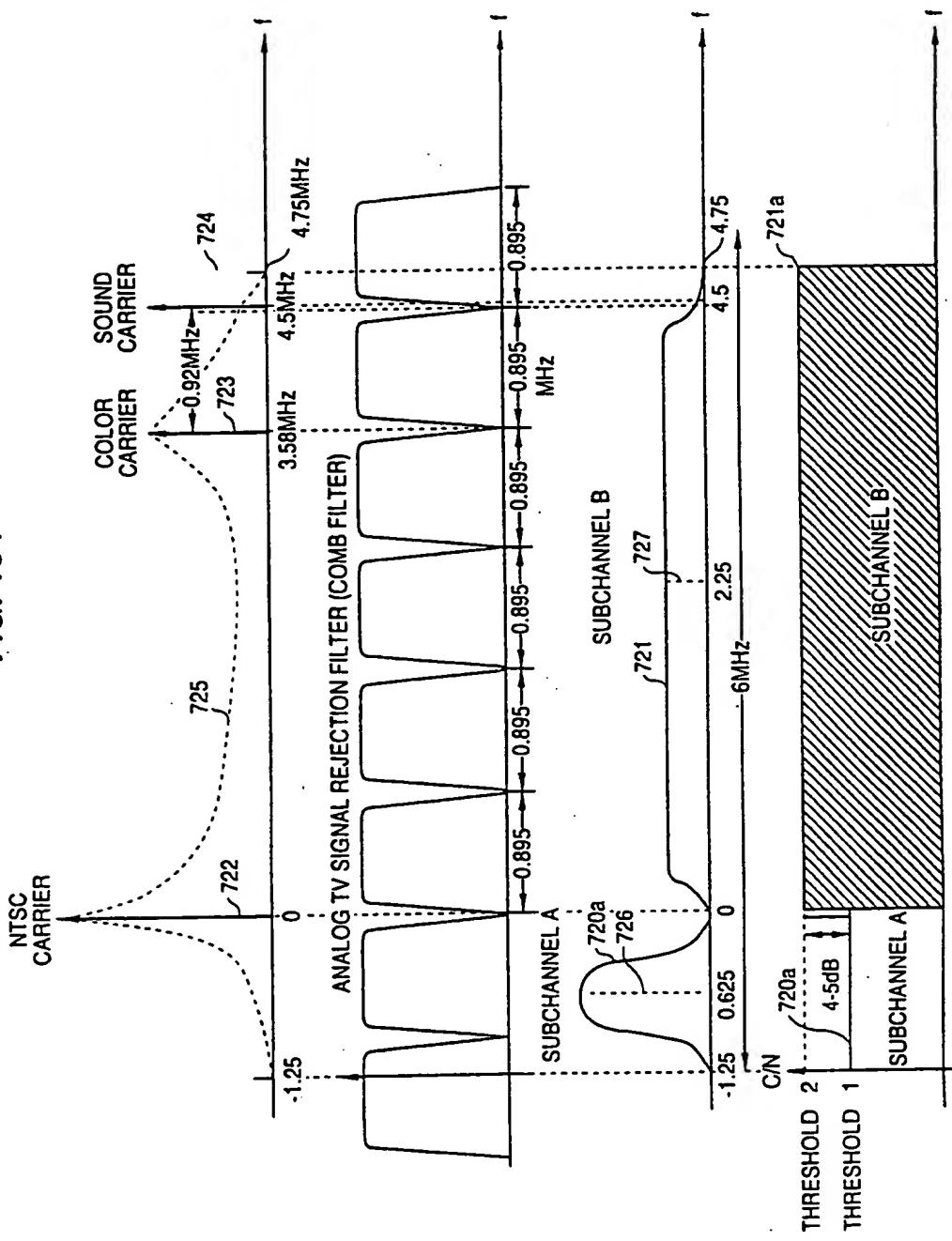


FIG. 135

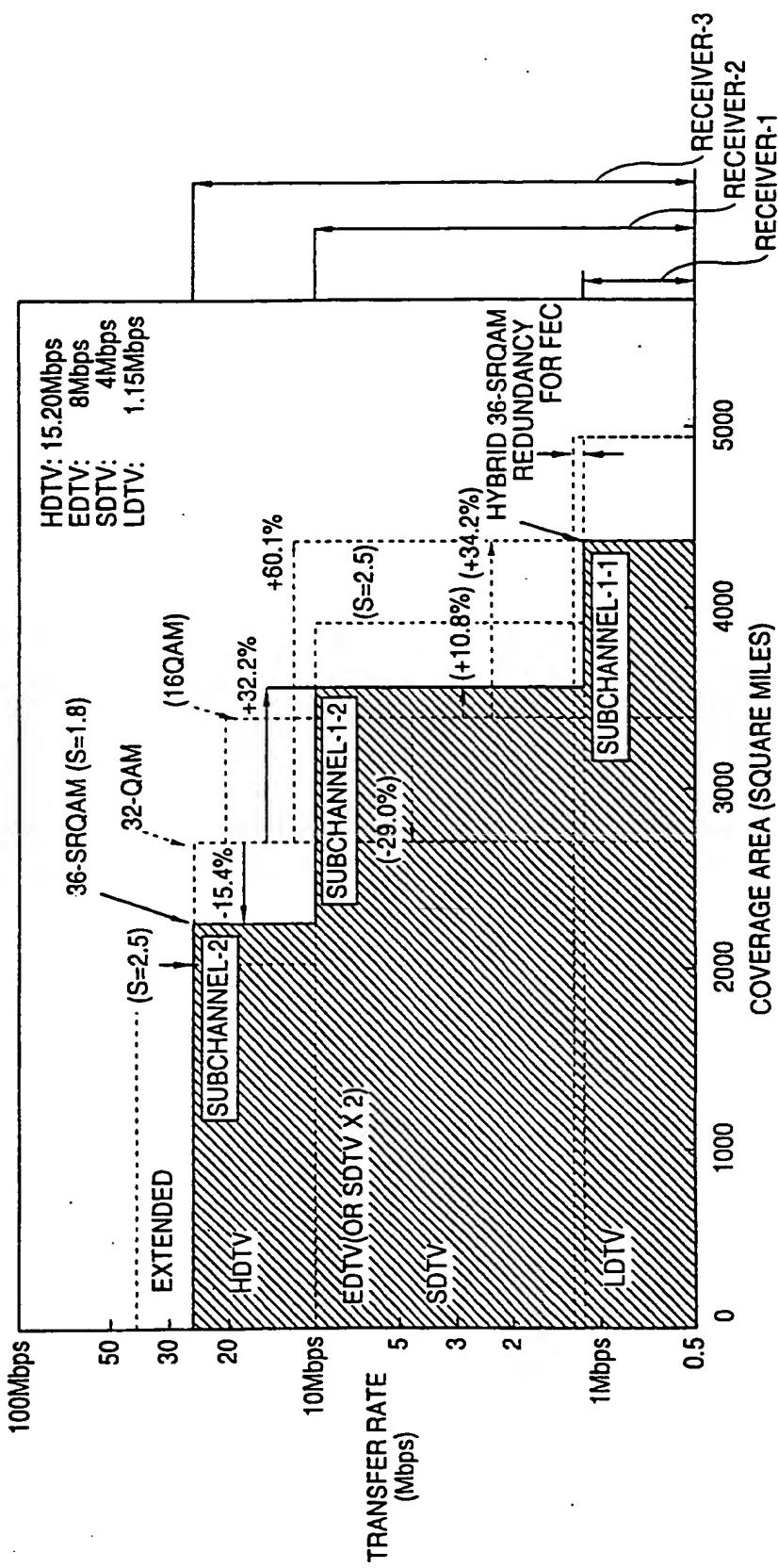
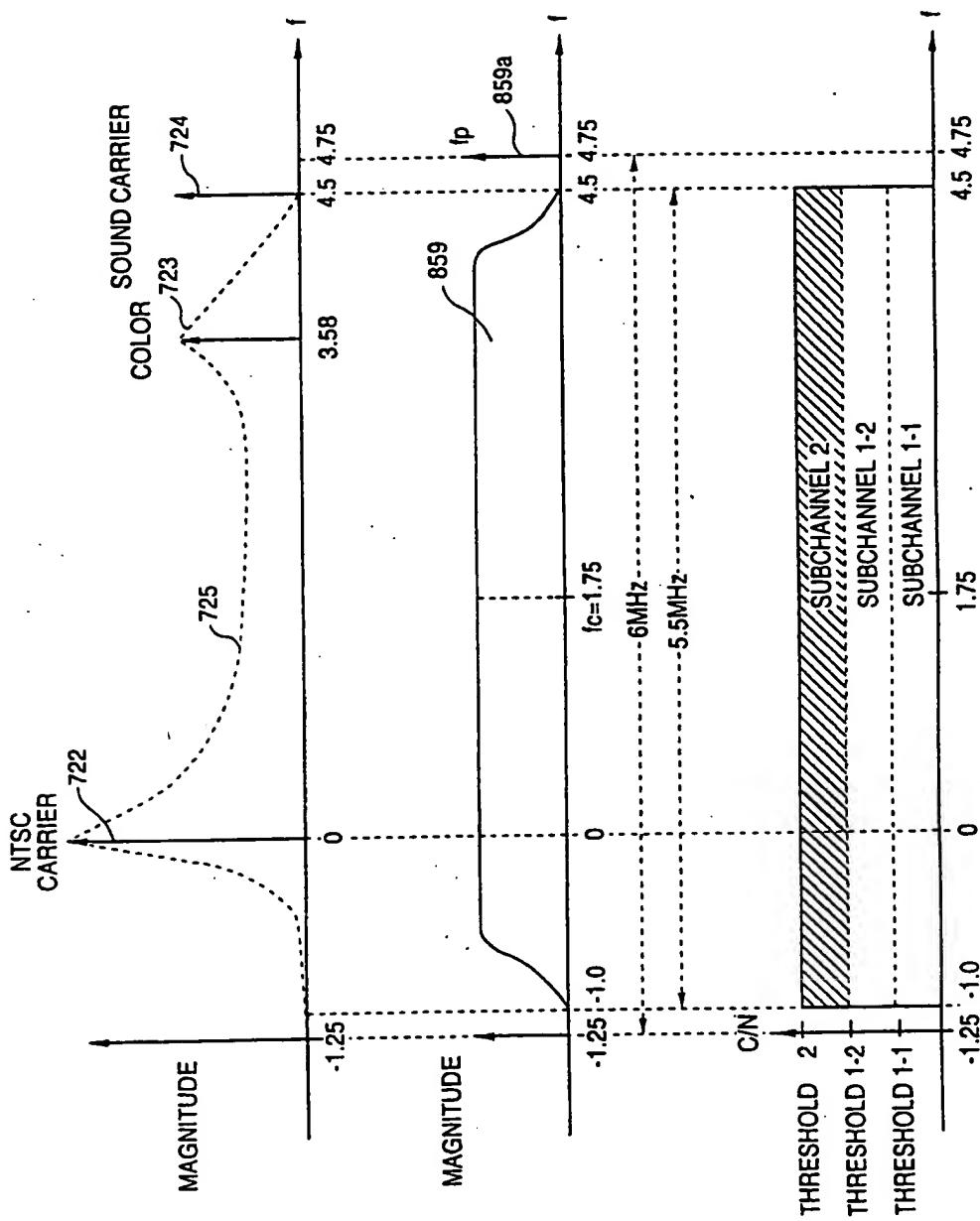


FIG. 136



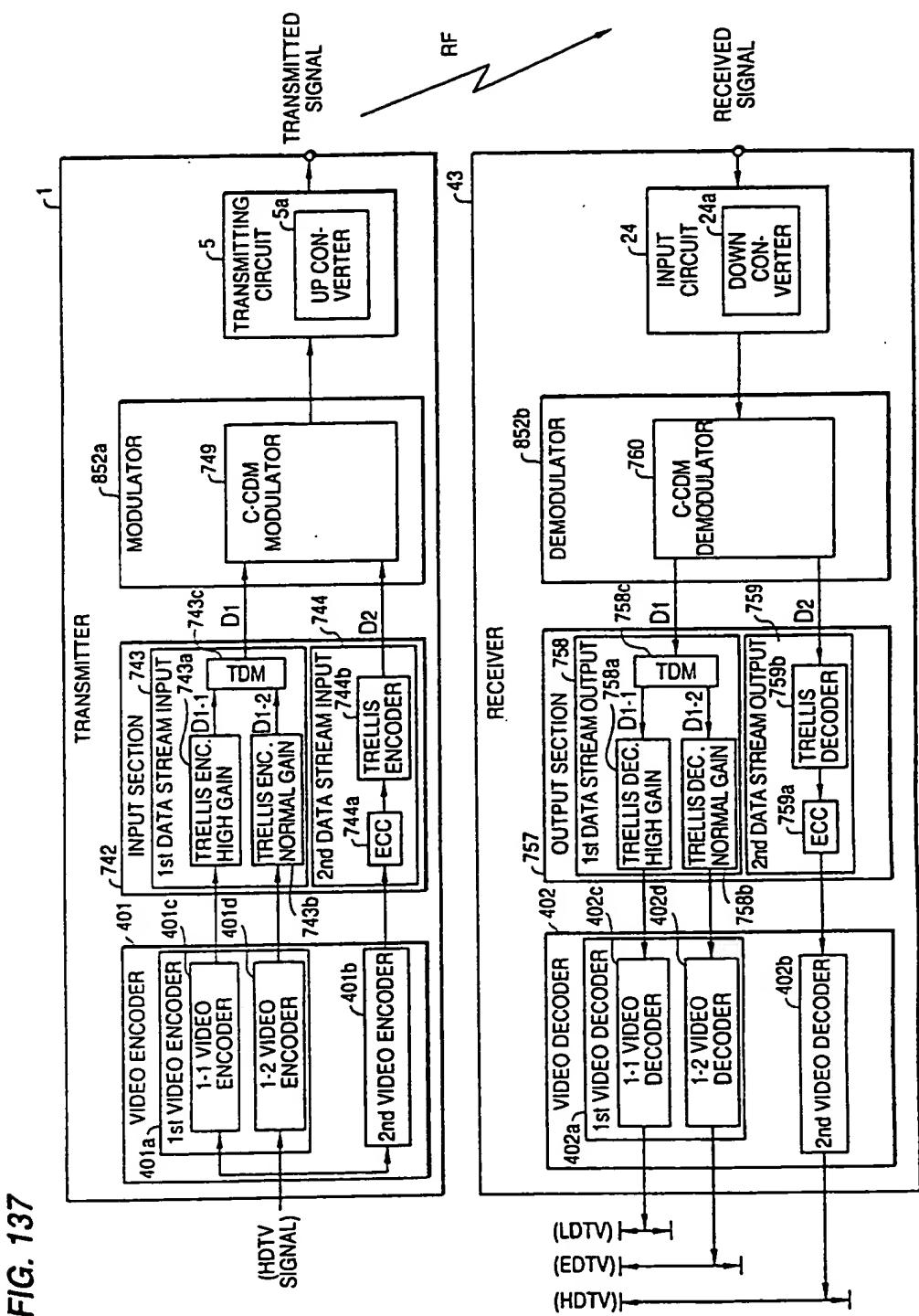


FIG. 137

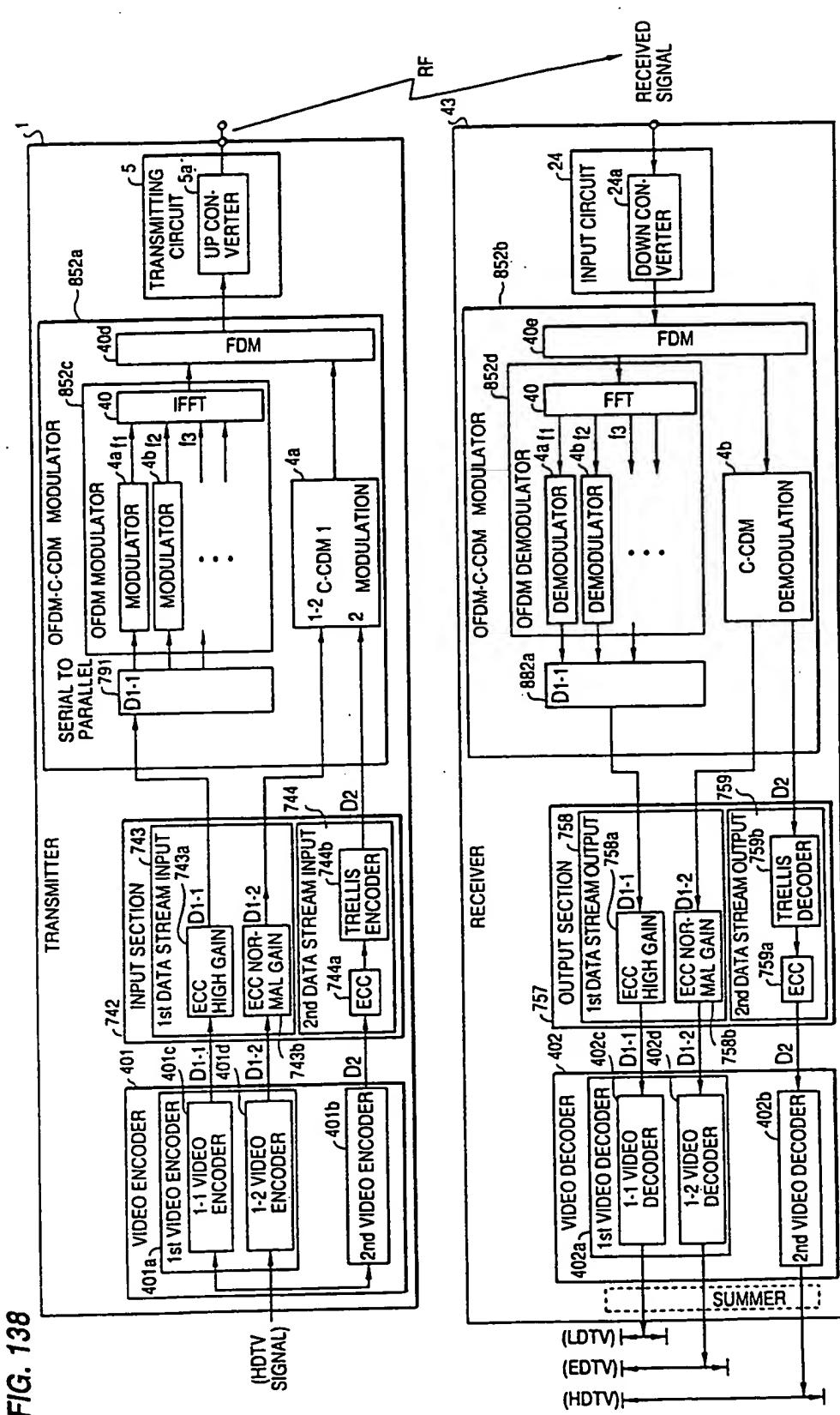


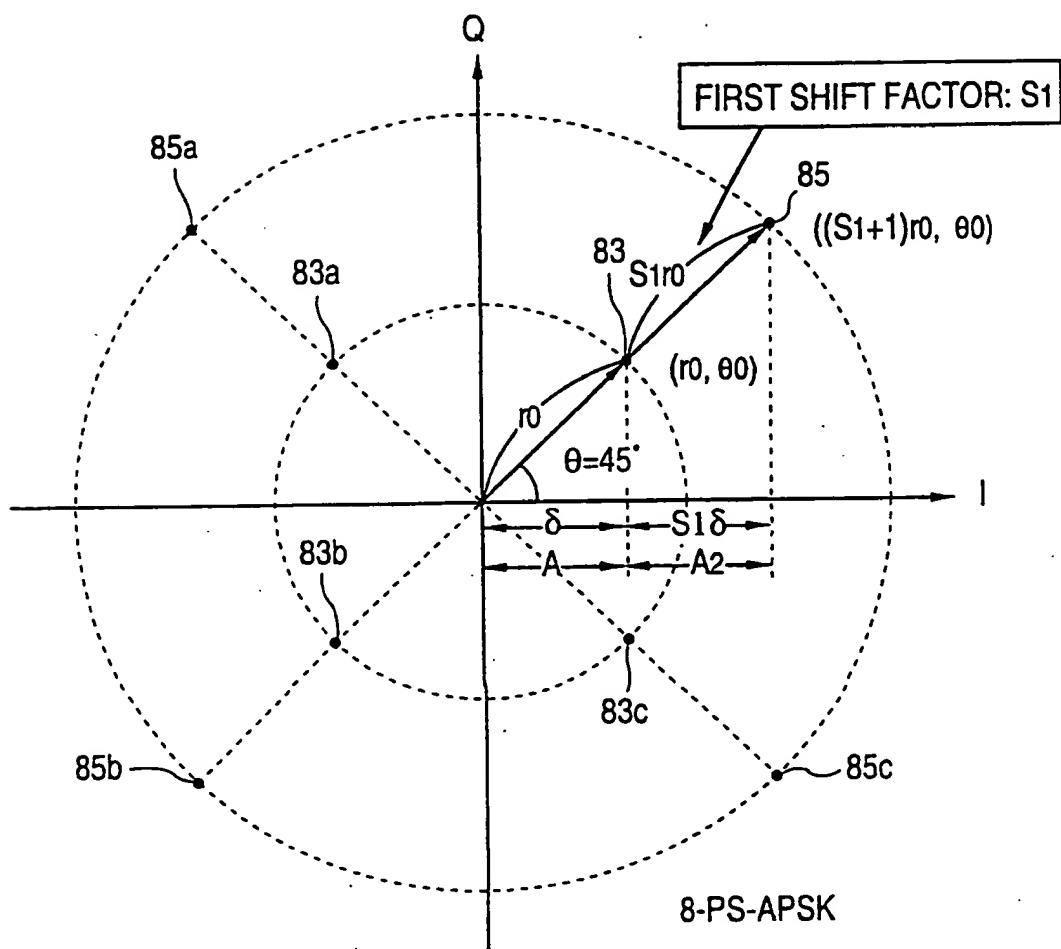
FIG. 139

FIG. 140

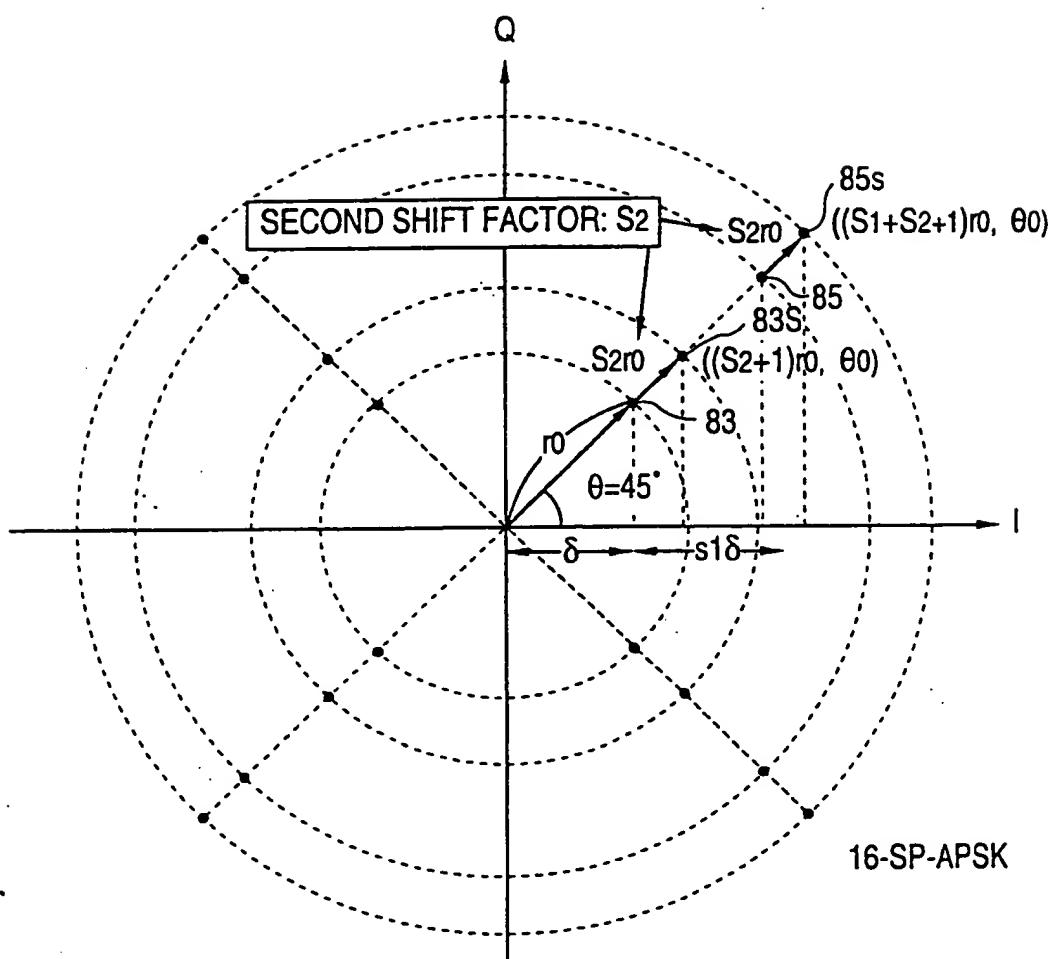


FIG. 141

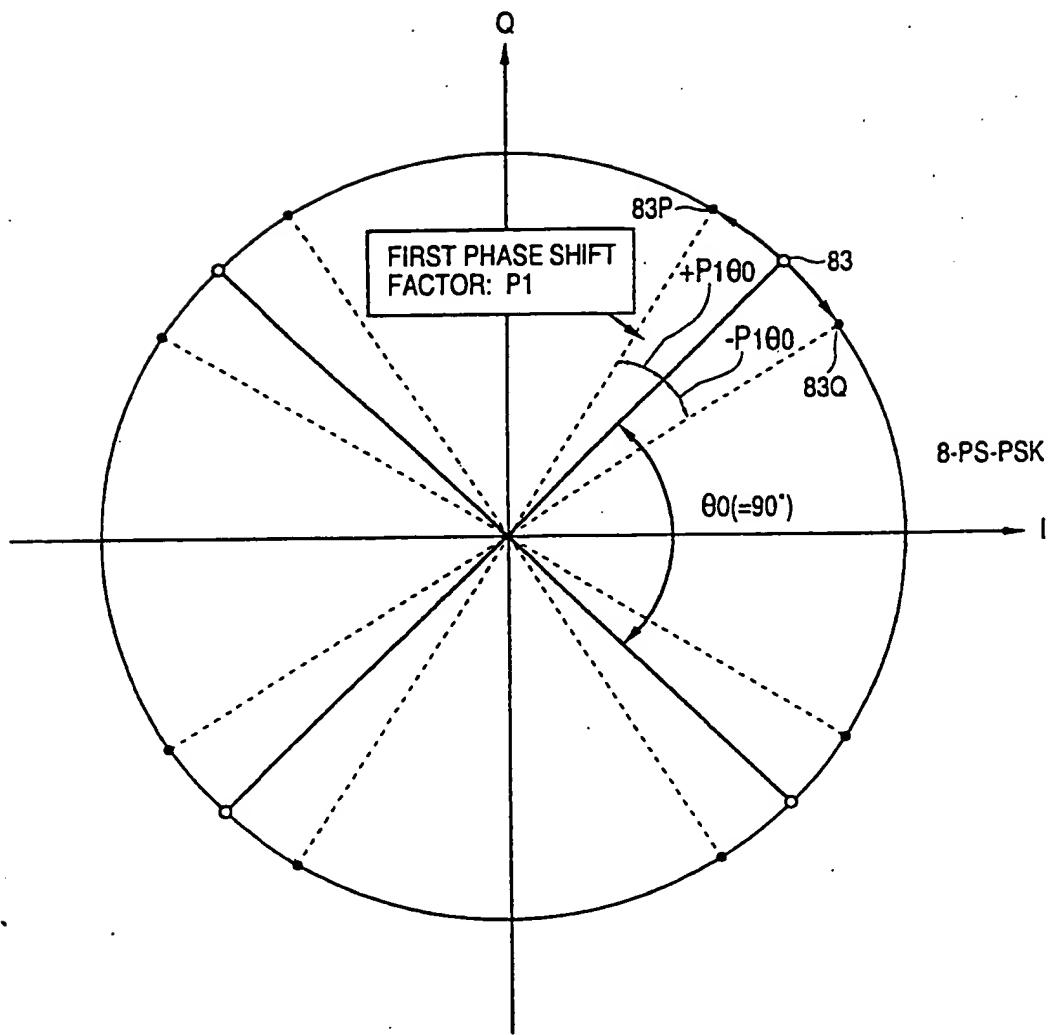


FIG. 142

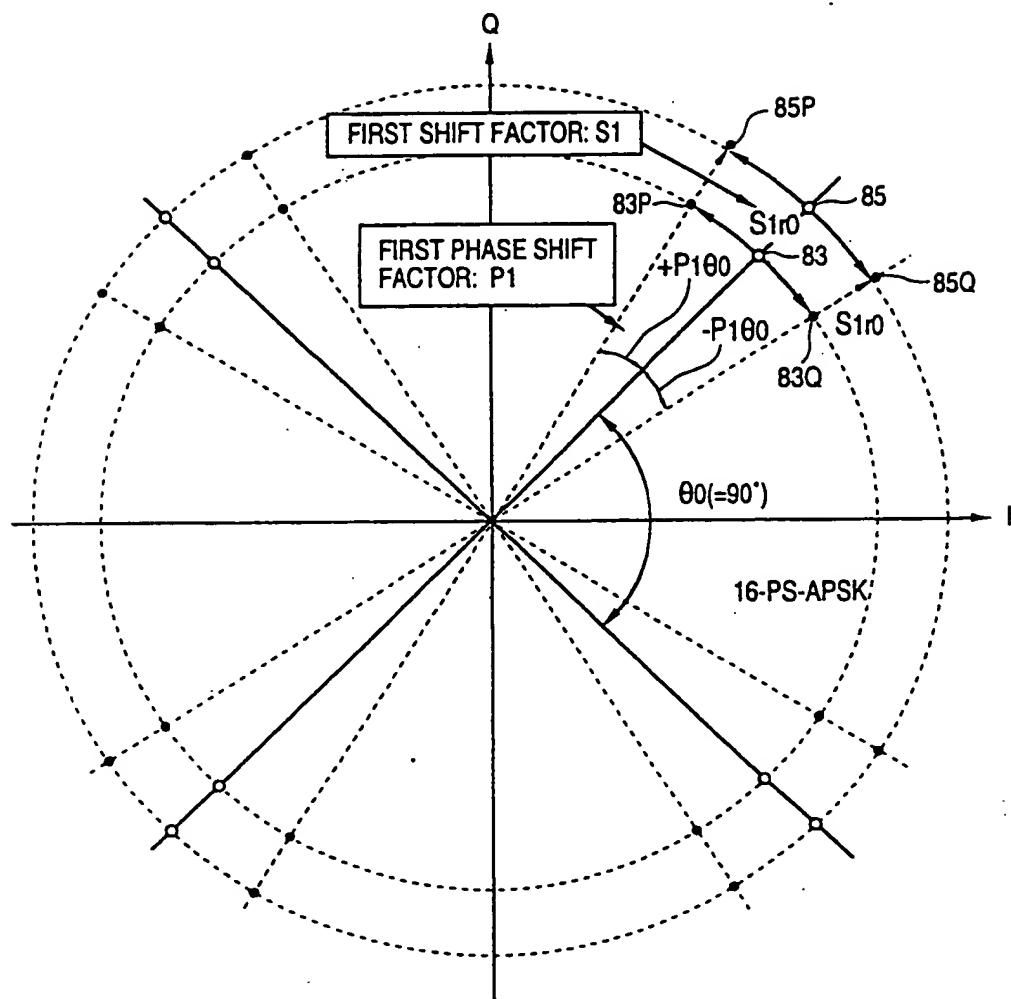
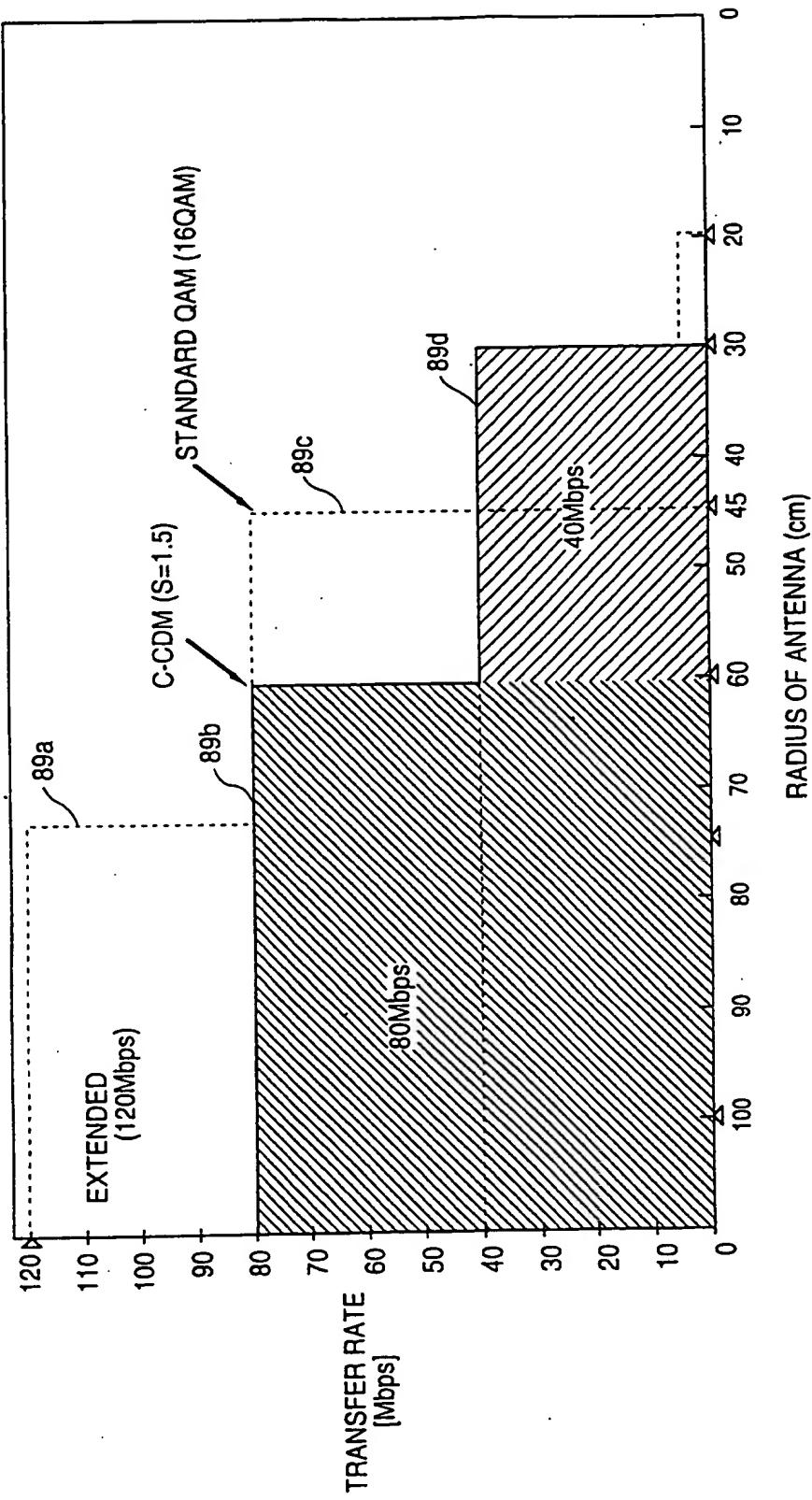


FIG. 143



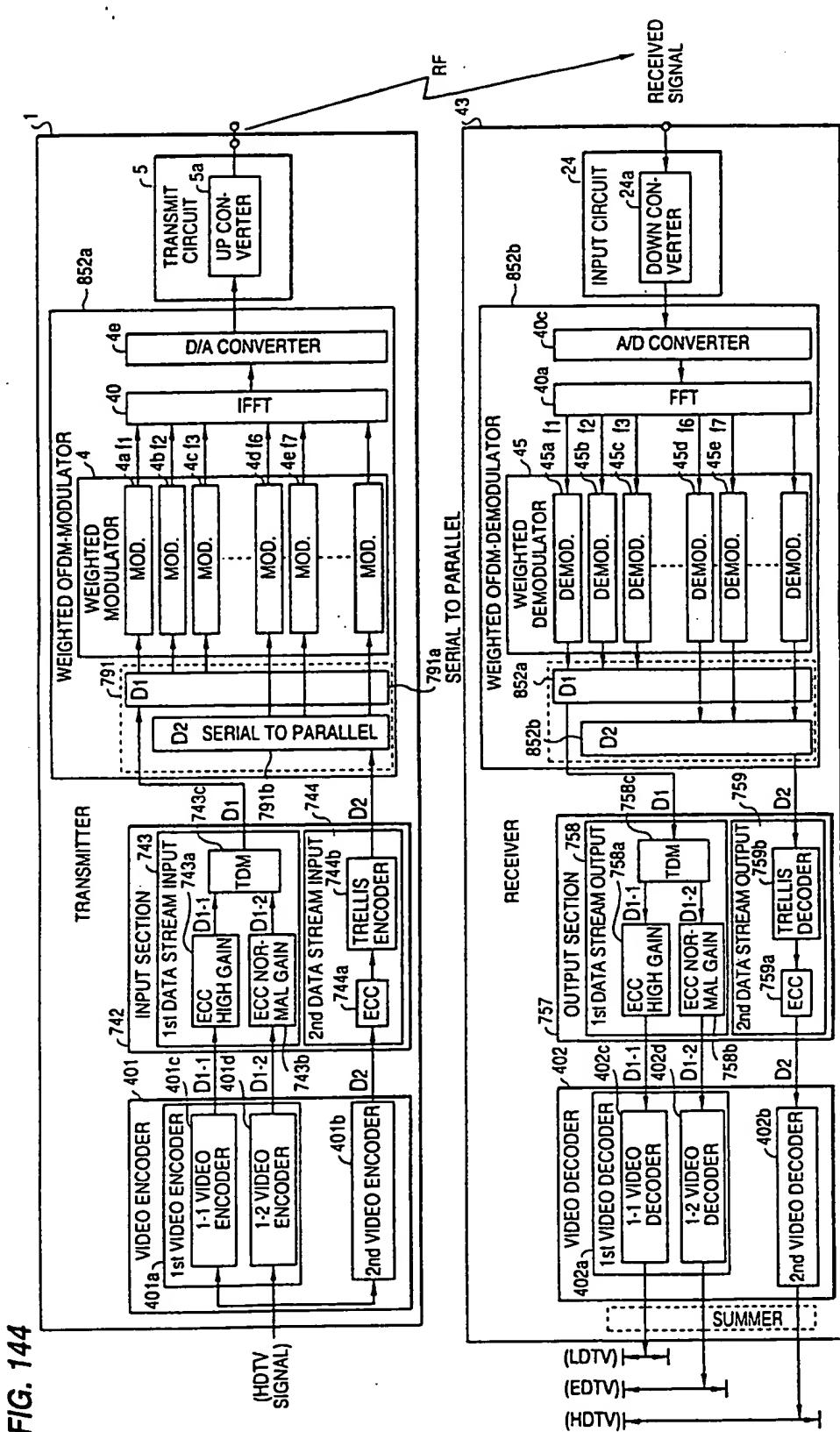


FIG. 145(a)

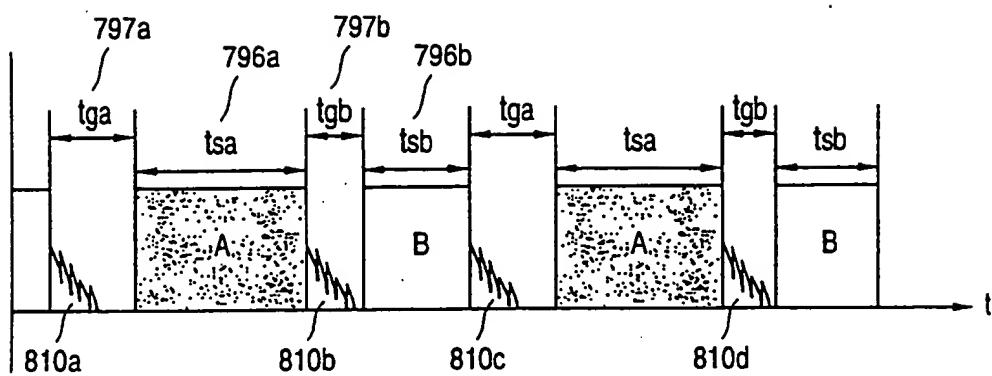
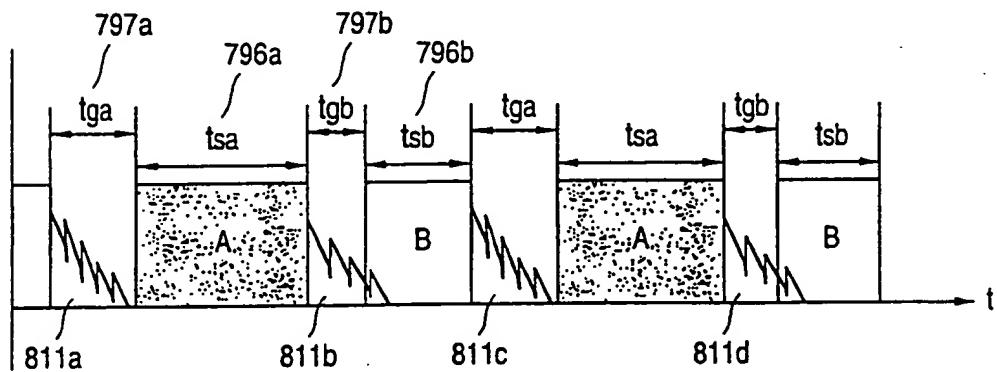


FIG. 145(b)



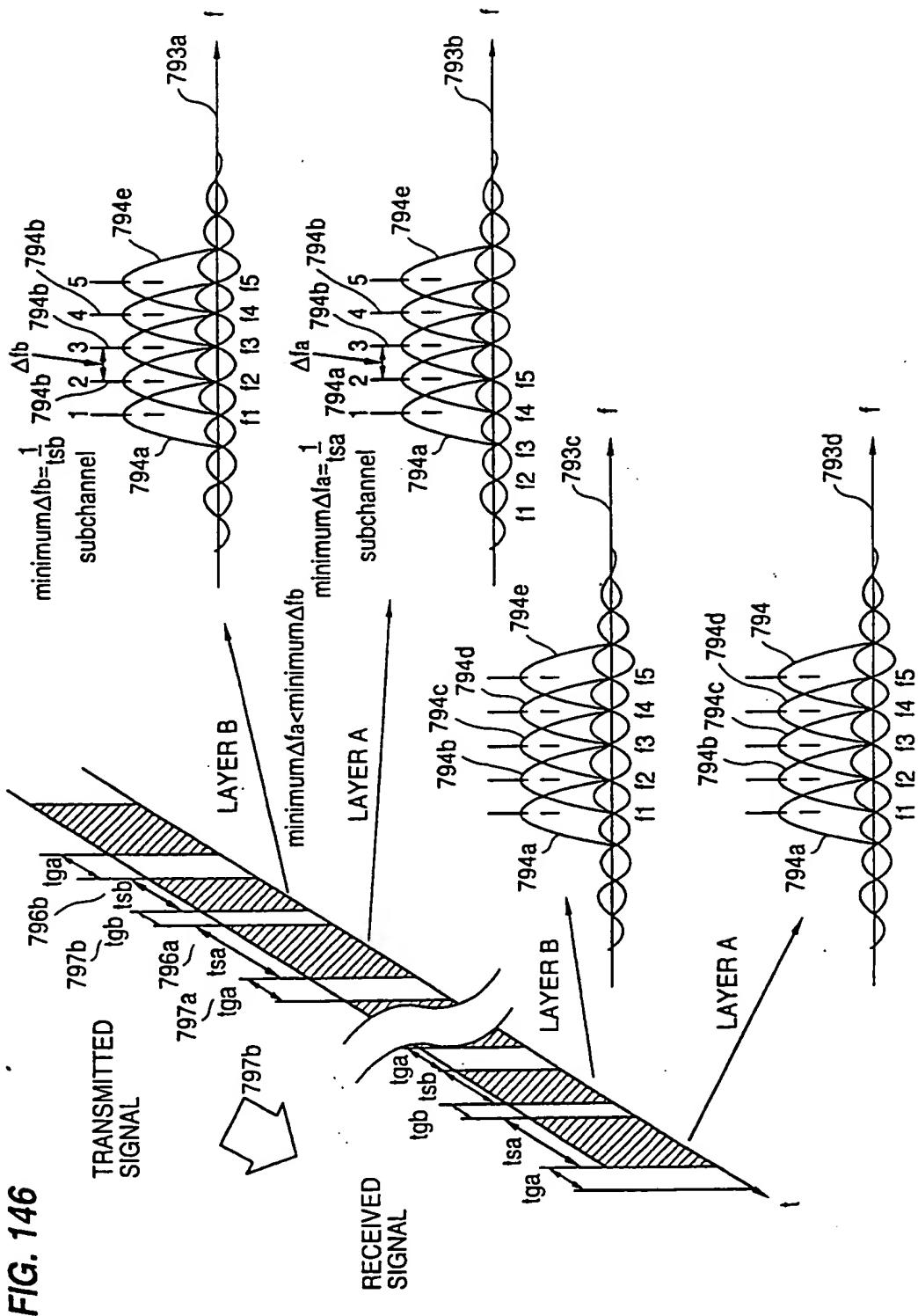


FIG. 147

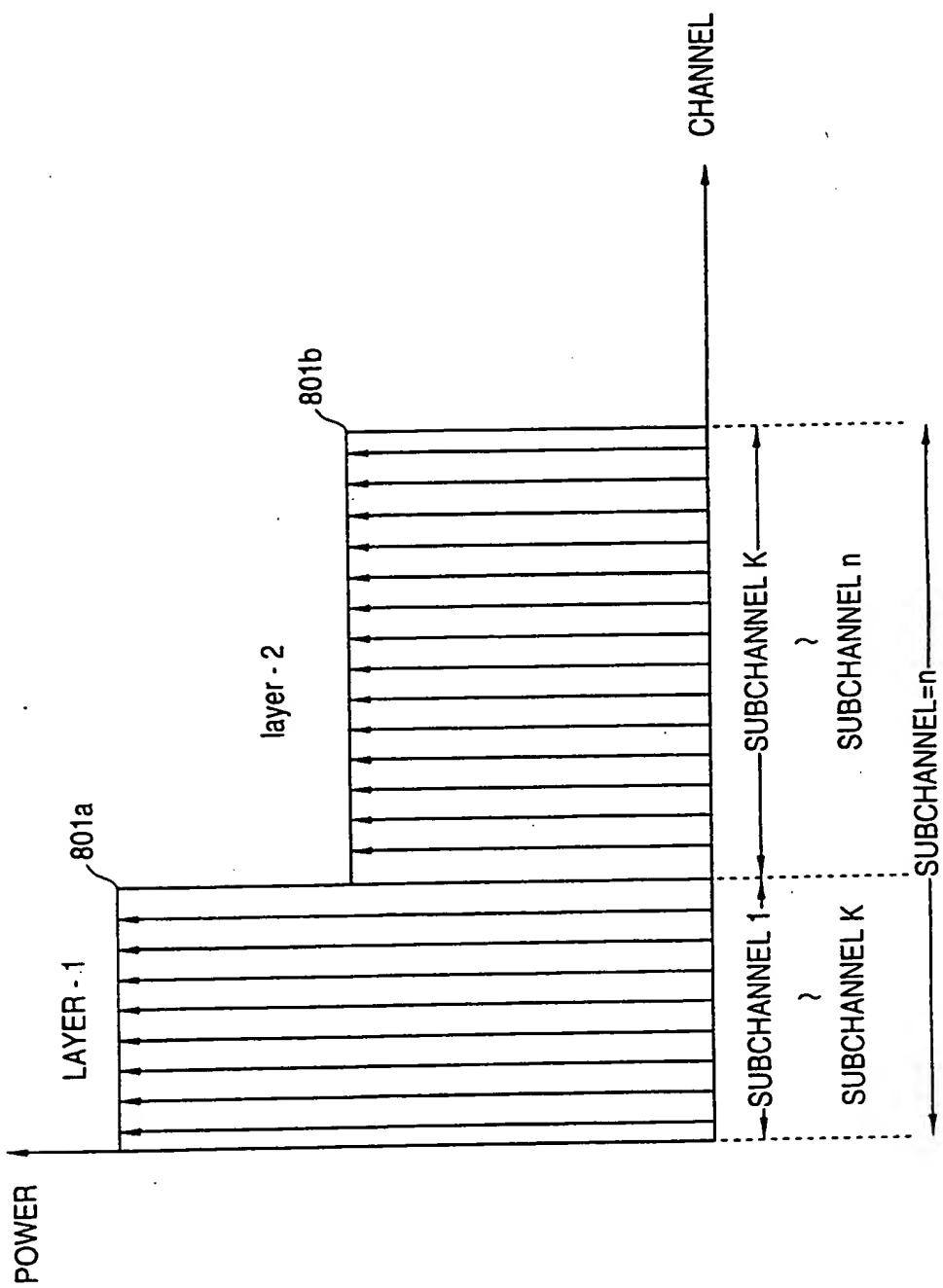
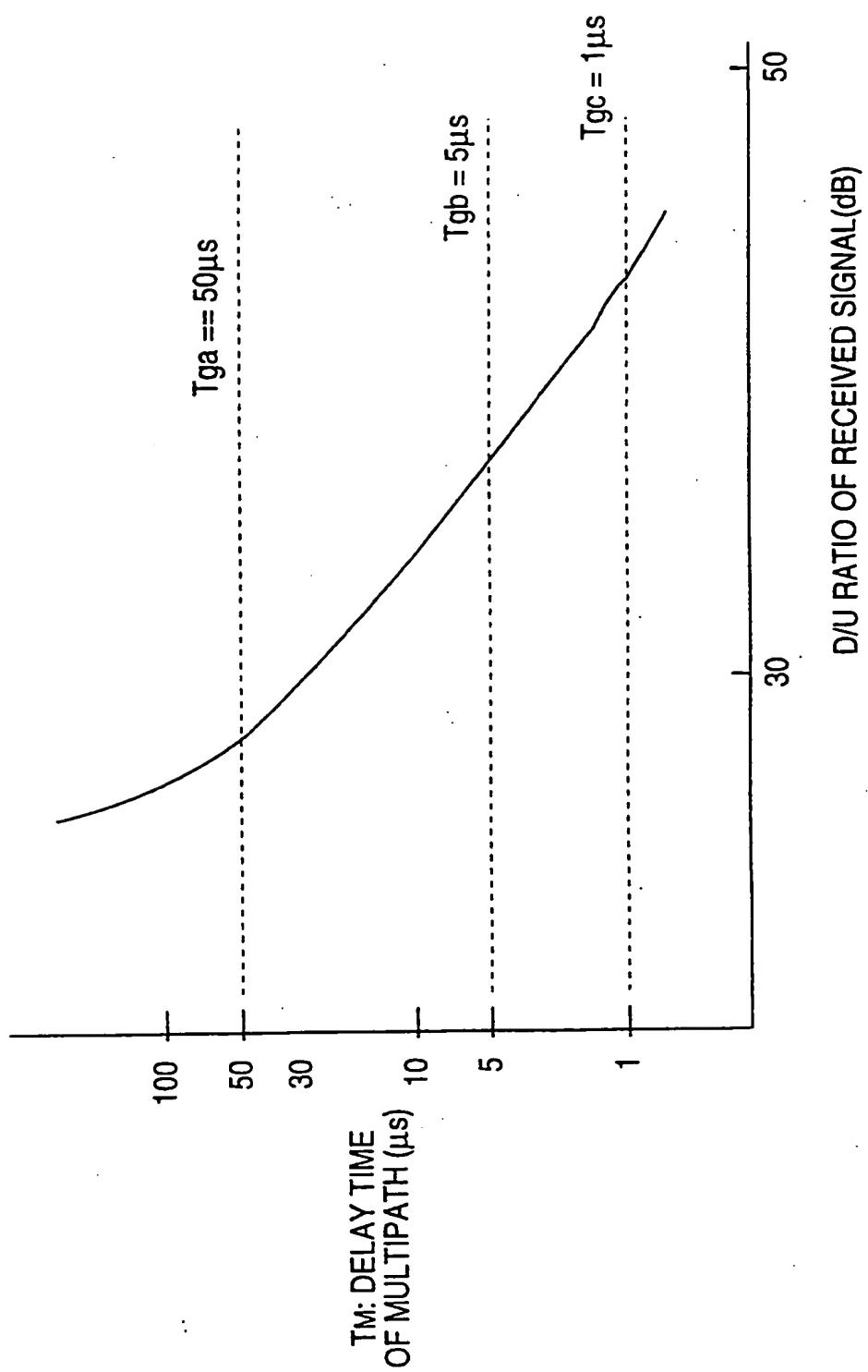


FIG. 148



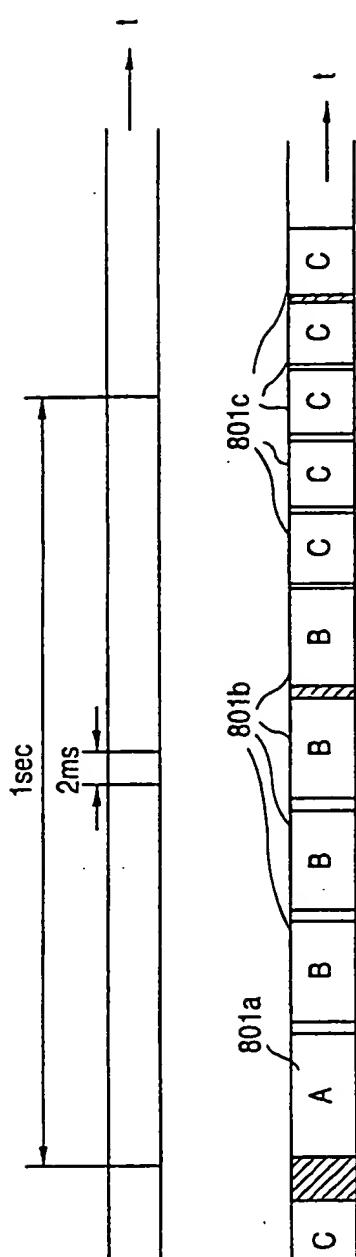


FIG. 149(b)

801a
801b
801c

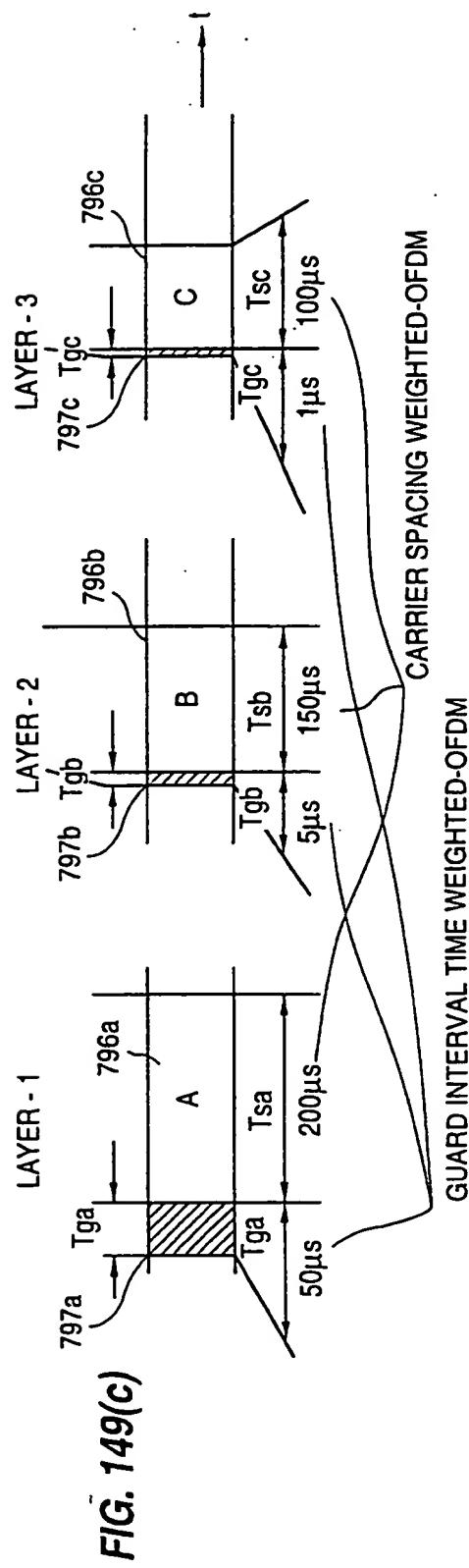


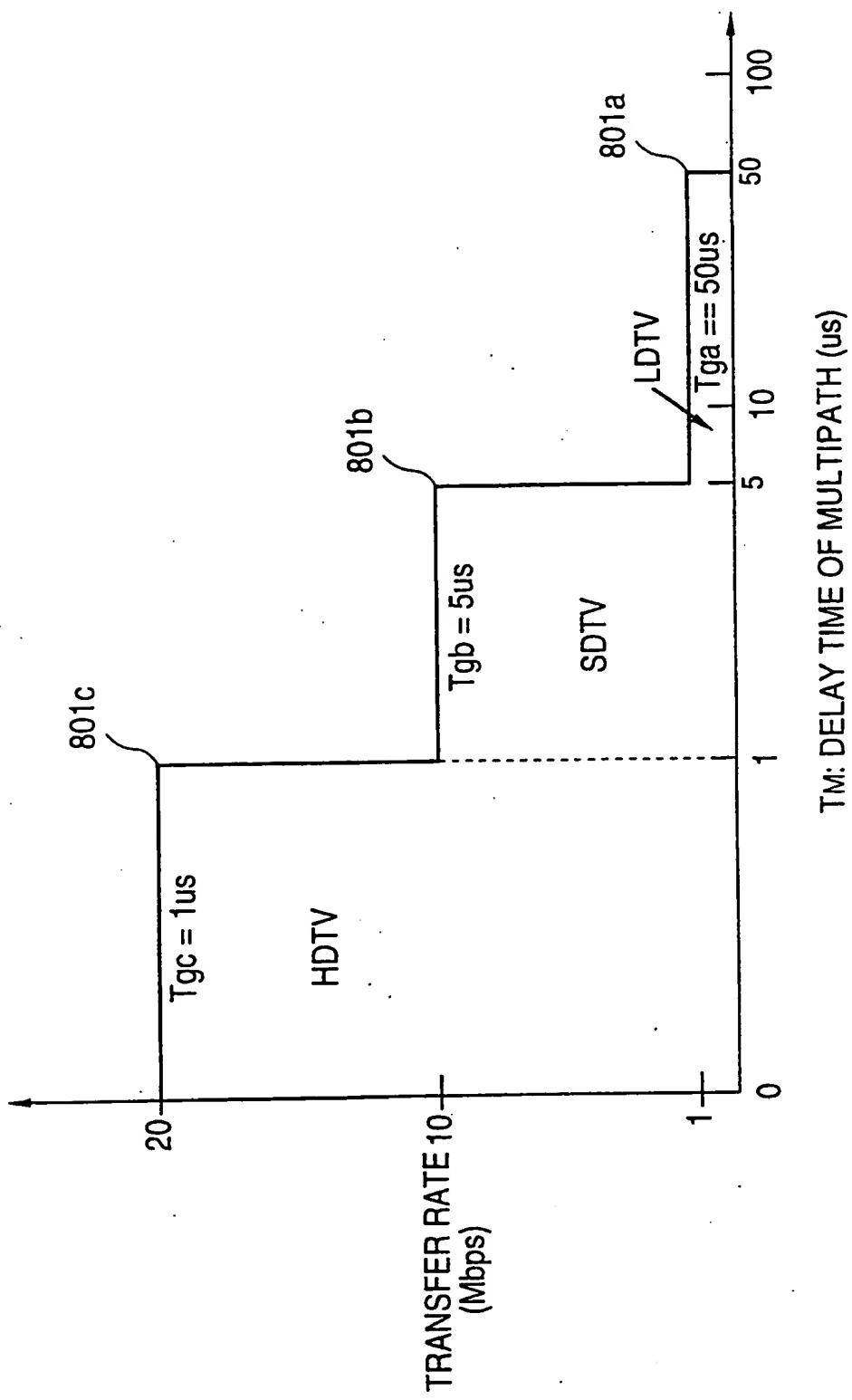
FIG. 150

FIG. 151

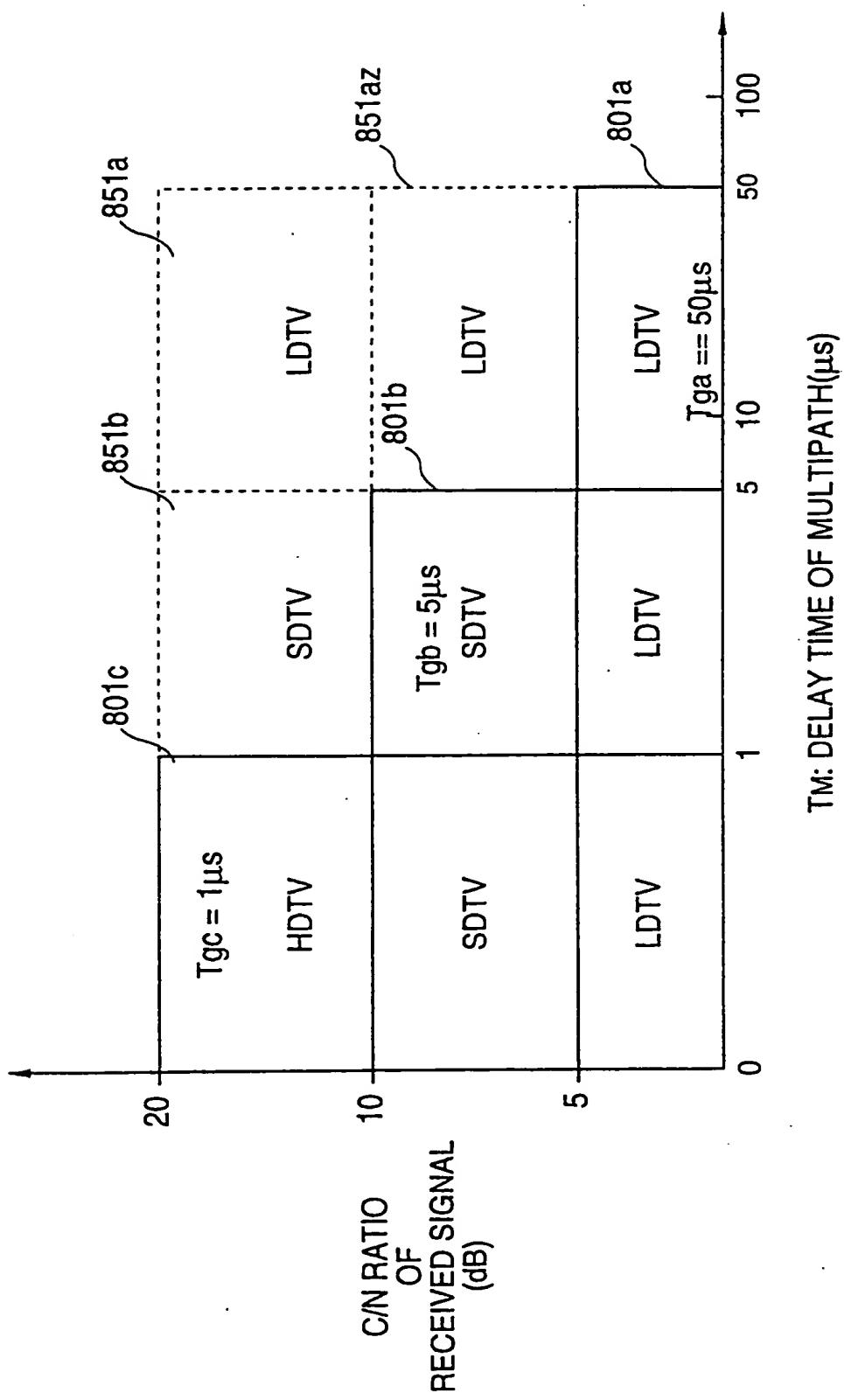


FIG. 152

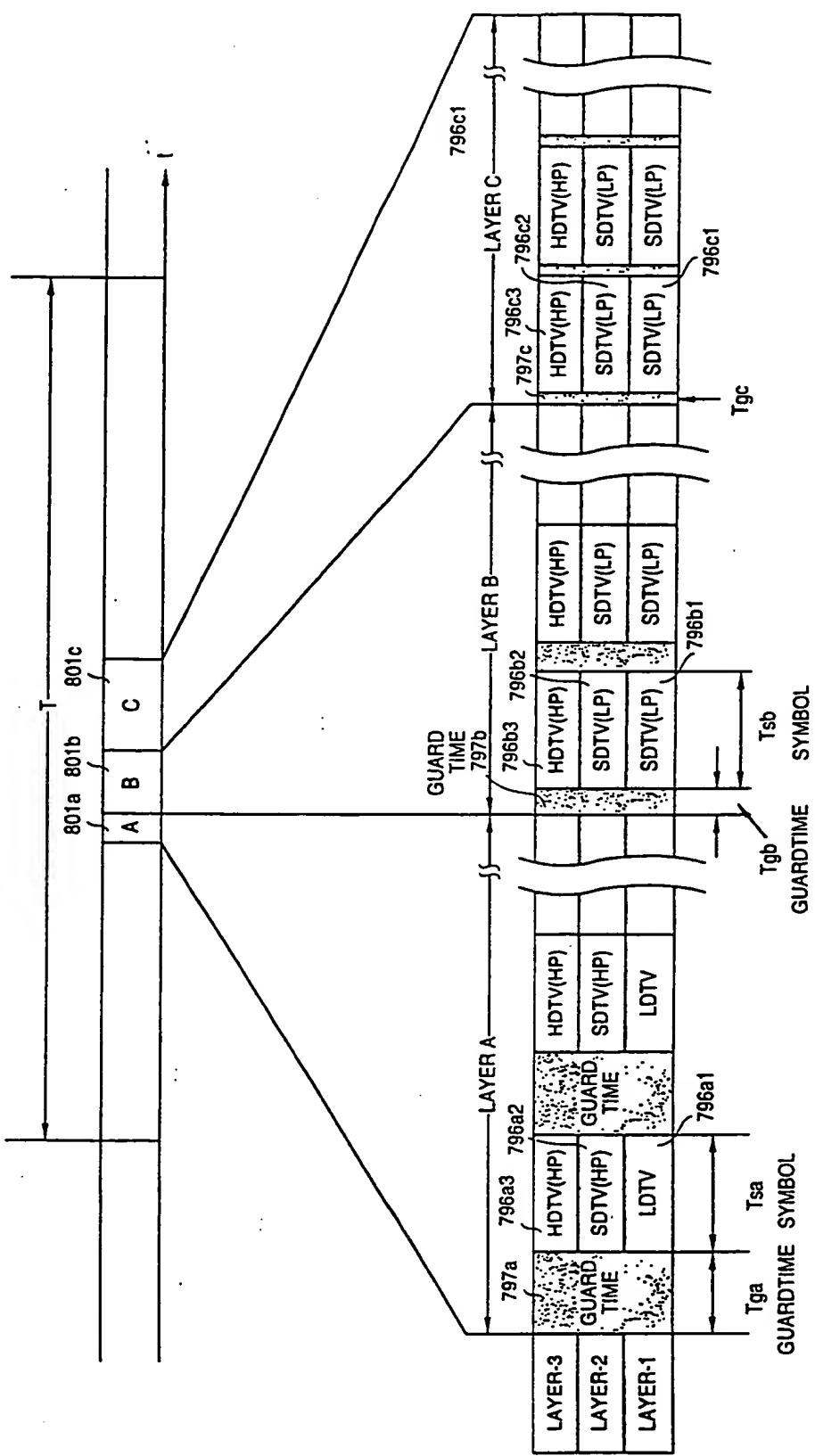


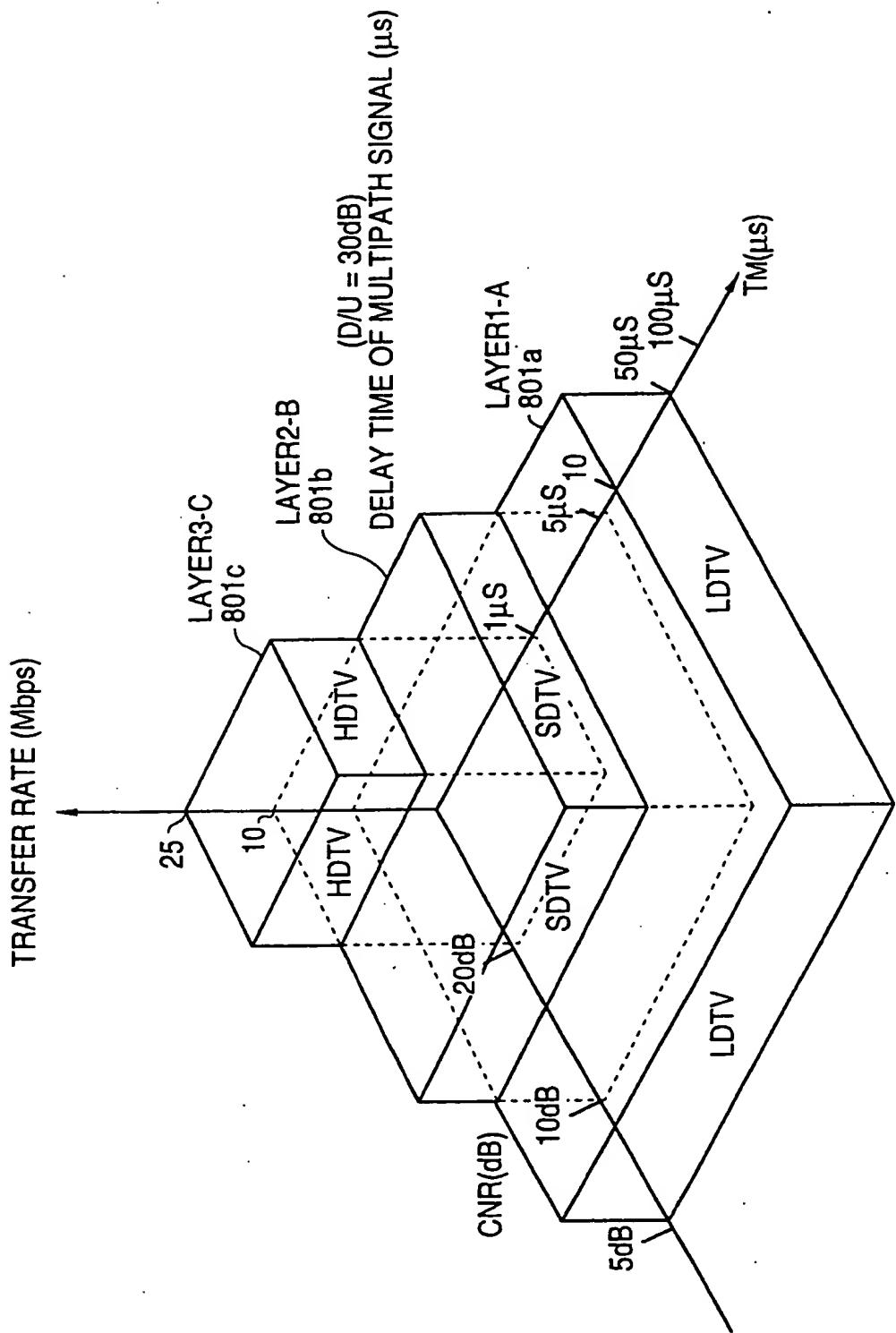
FIG. 153

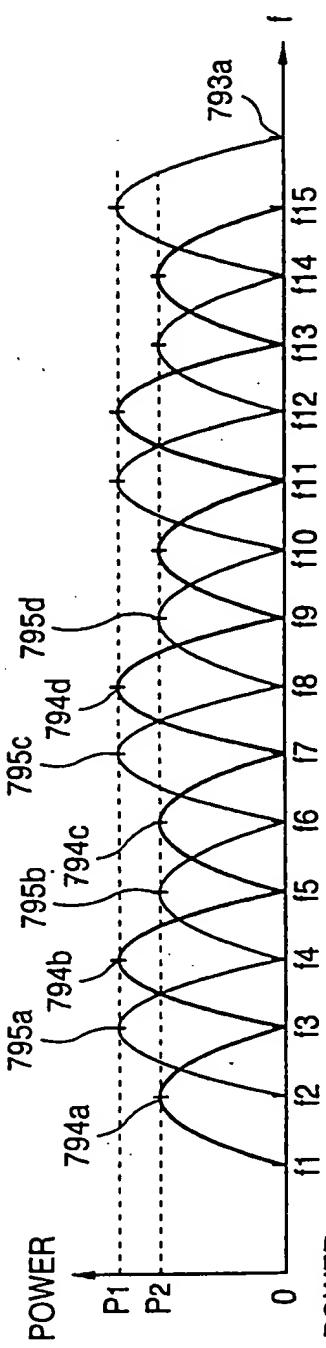
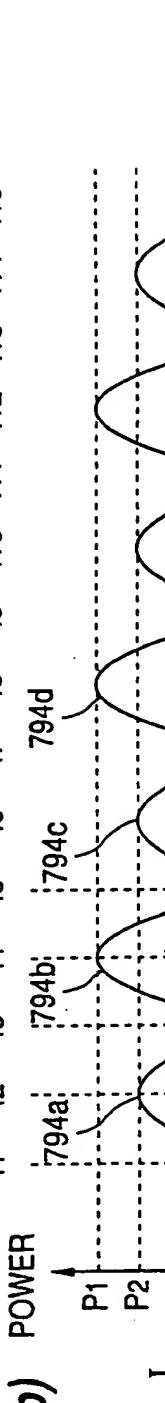
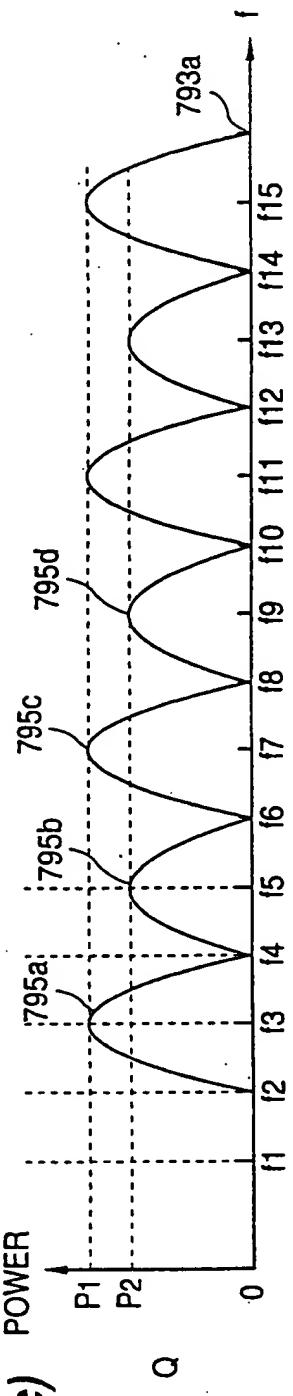
FIG. 154(a)**FIG. 154(b)****FIG. 154(c)**

FIG. 155

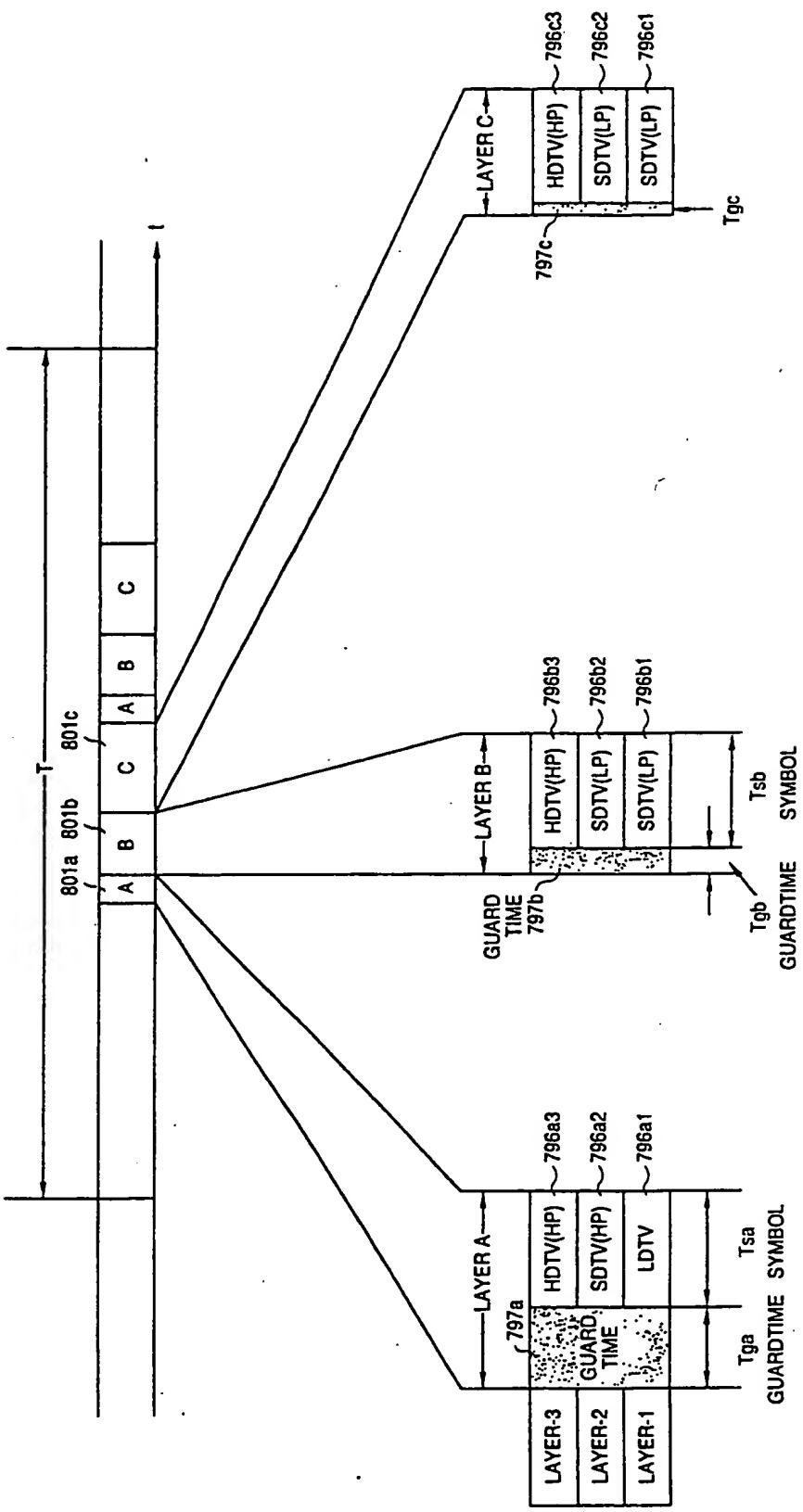


FIG. 156

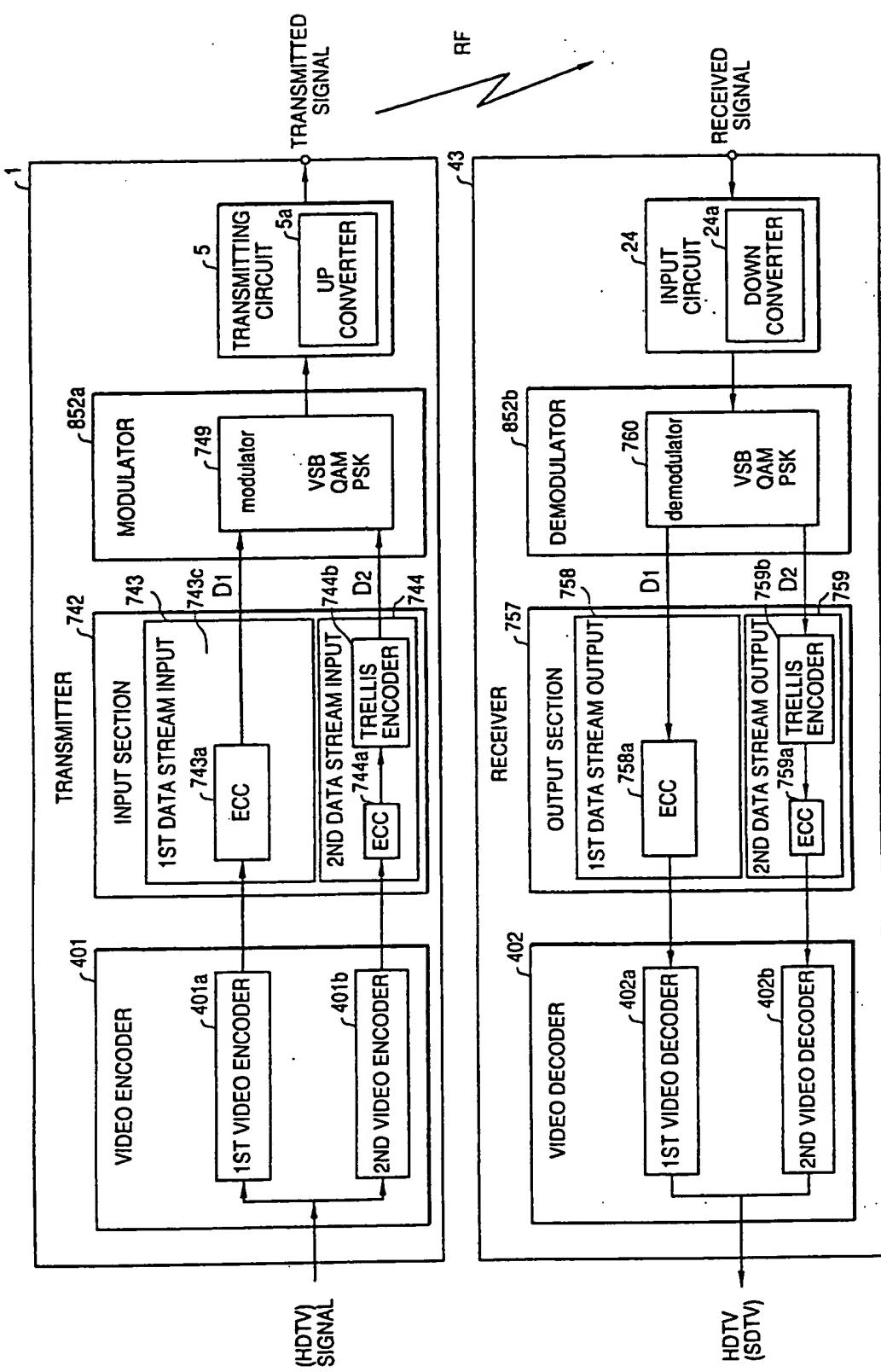


FIG. 157

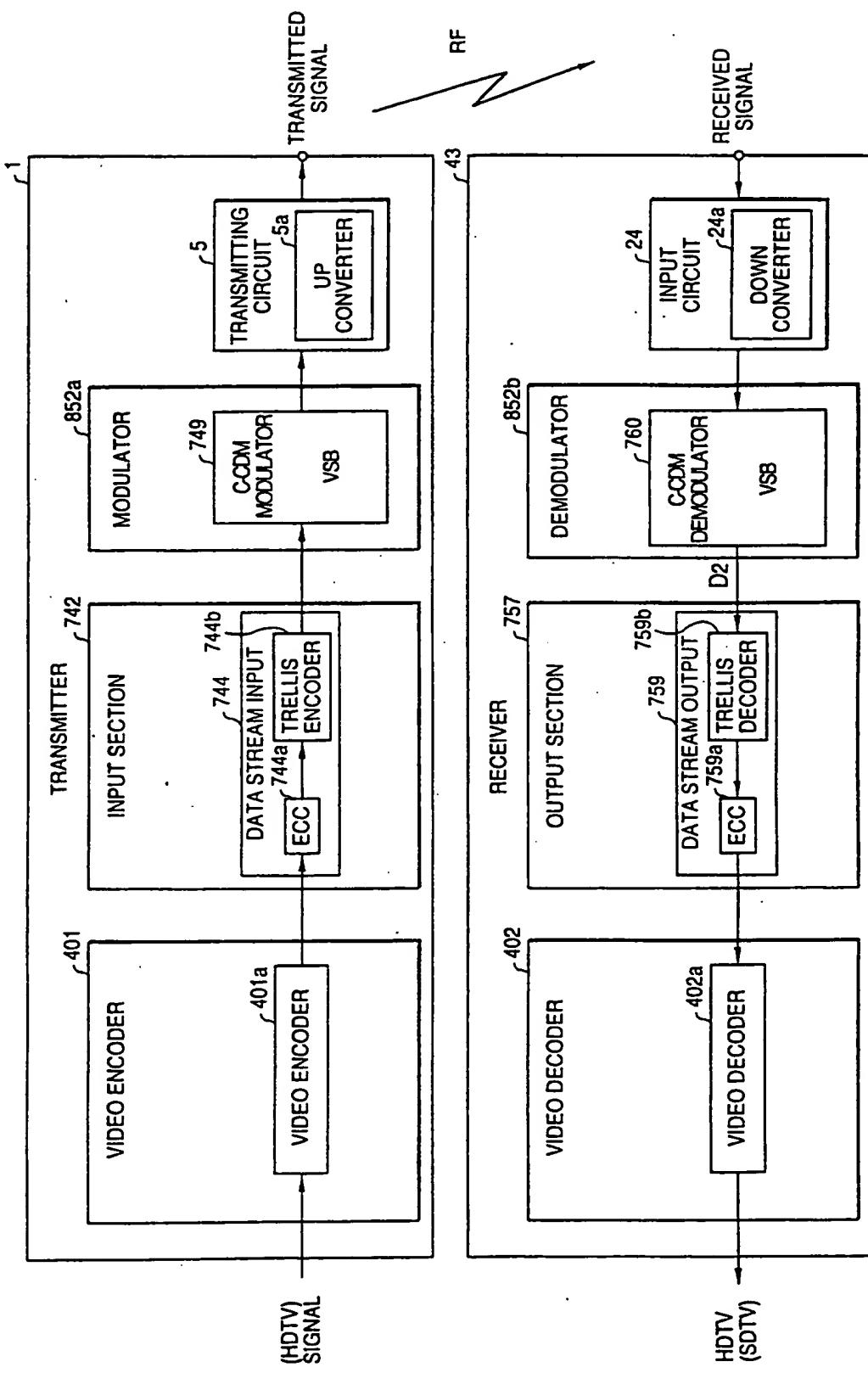
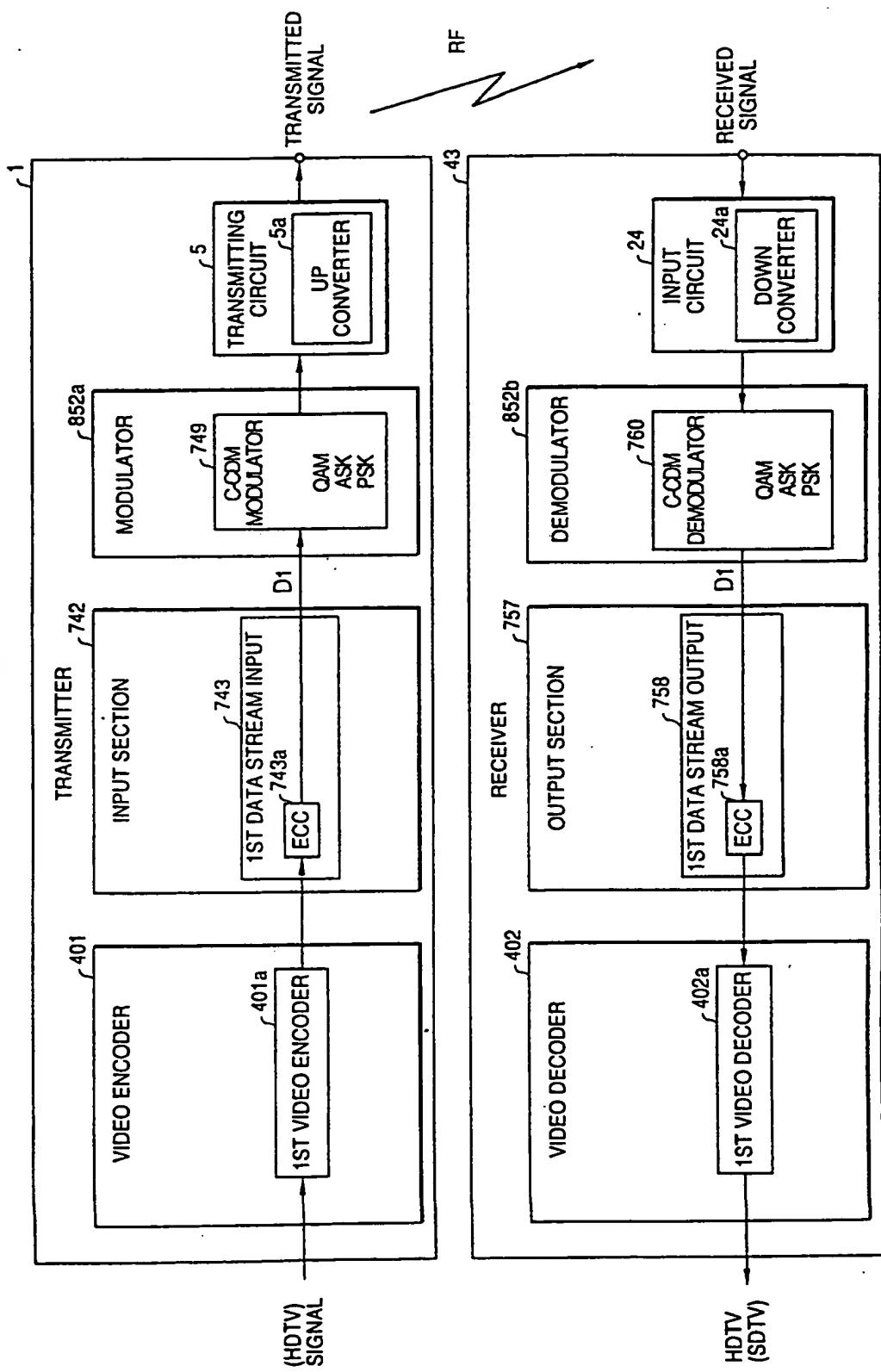
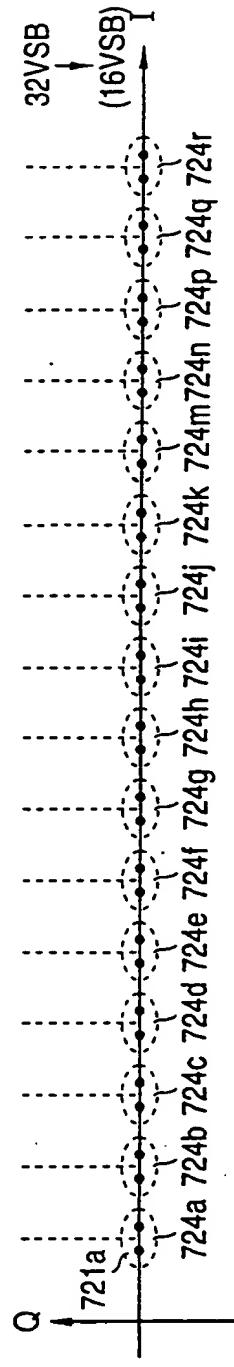
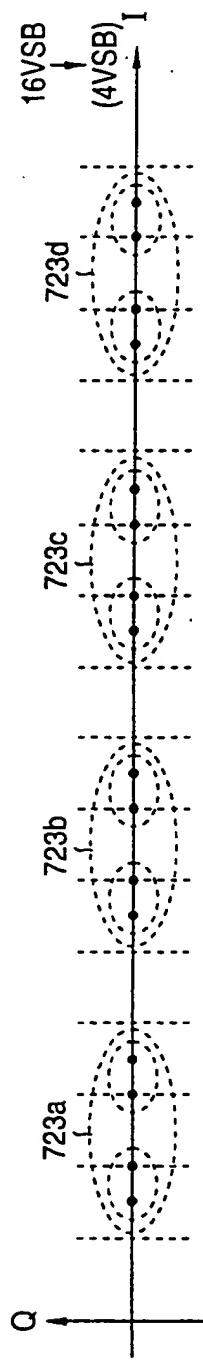
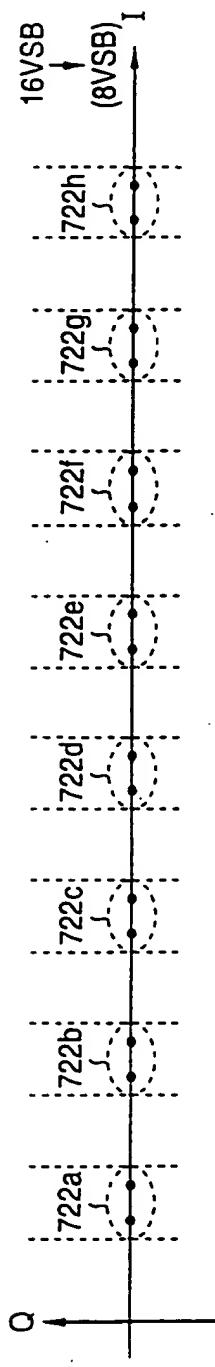
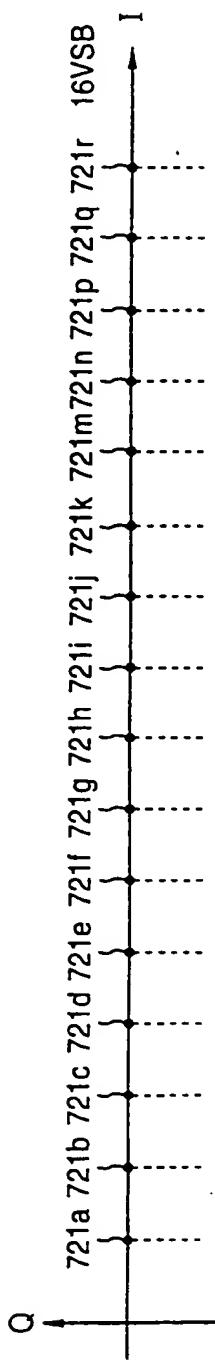


FIG. 158





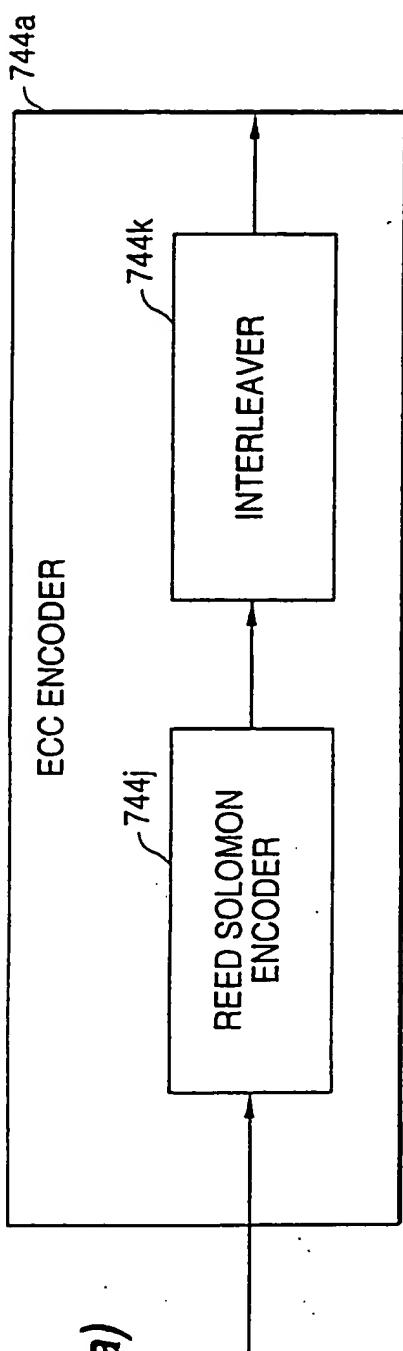


FIG. 160(a)

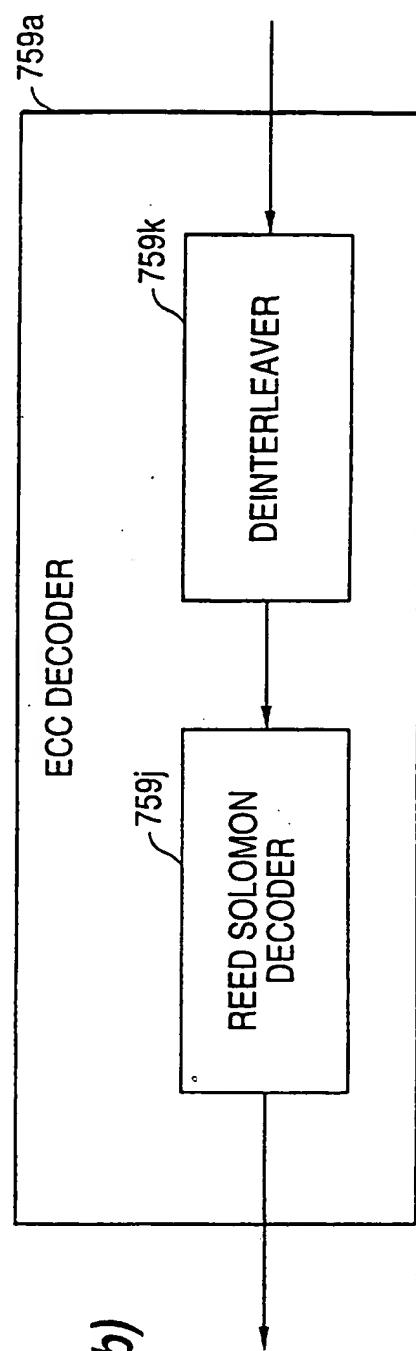


FIG. 160(b)

FIG. 161

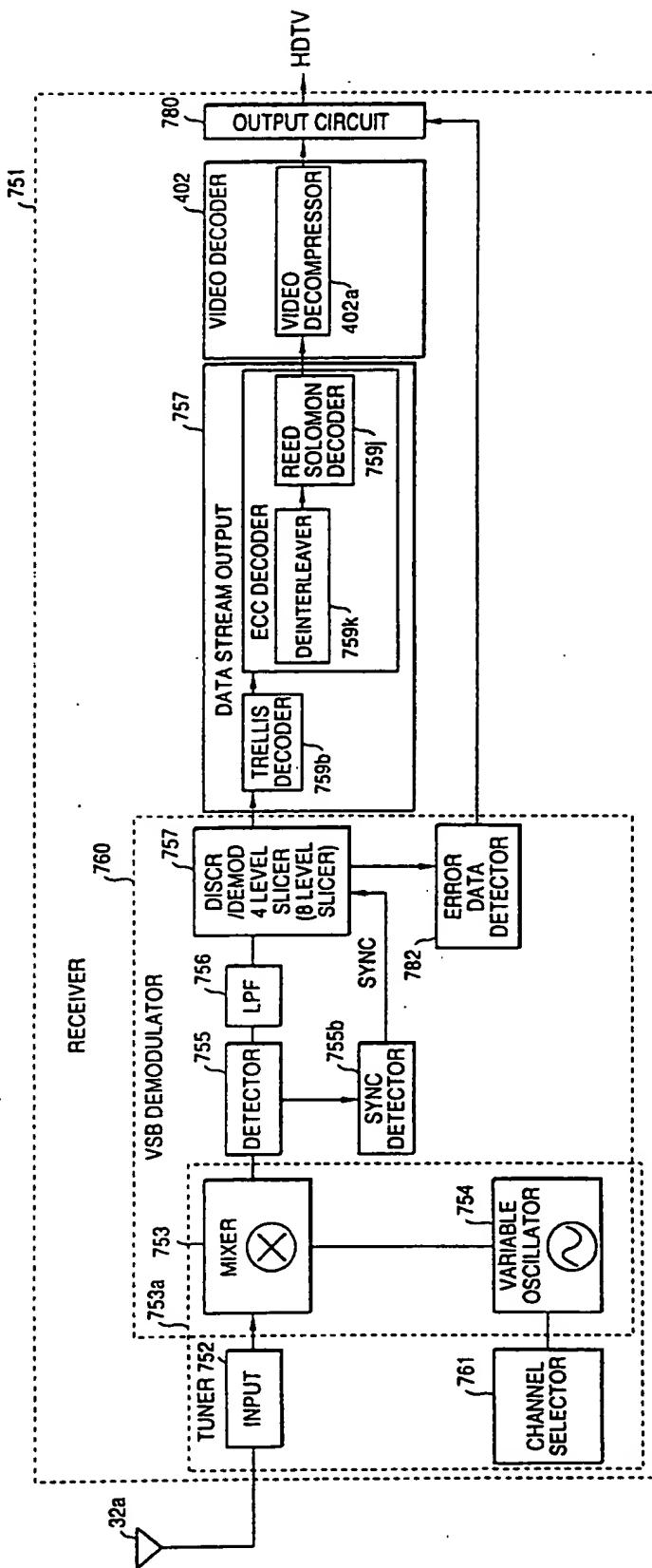


FIG. 162

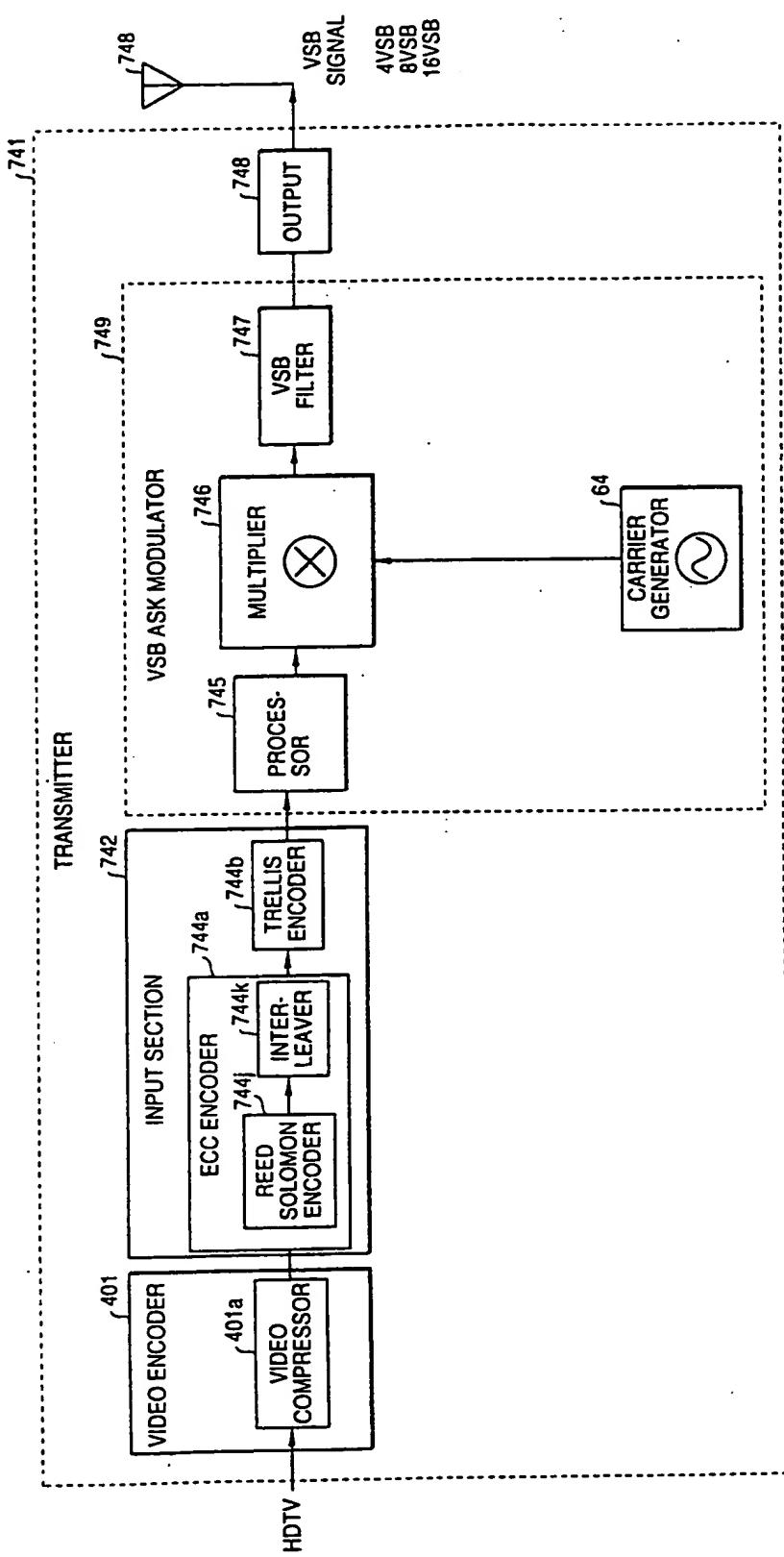


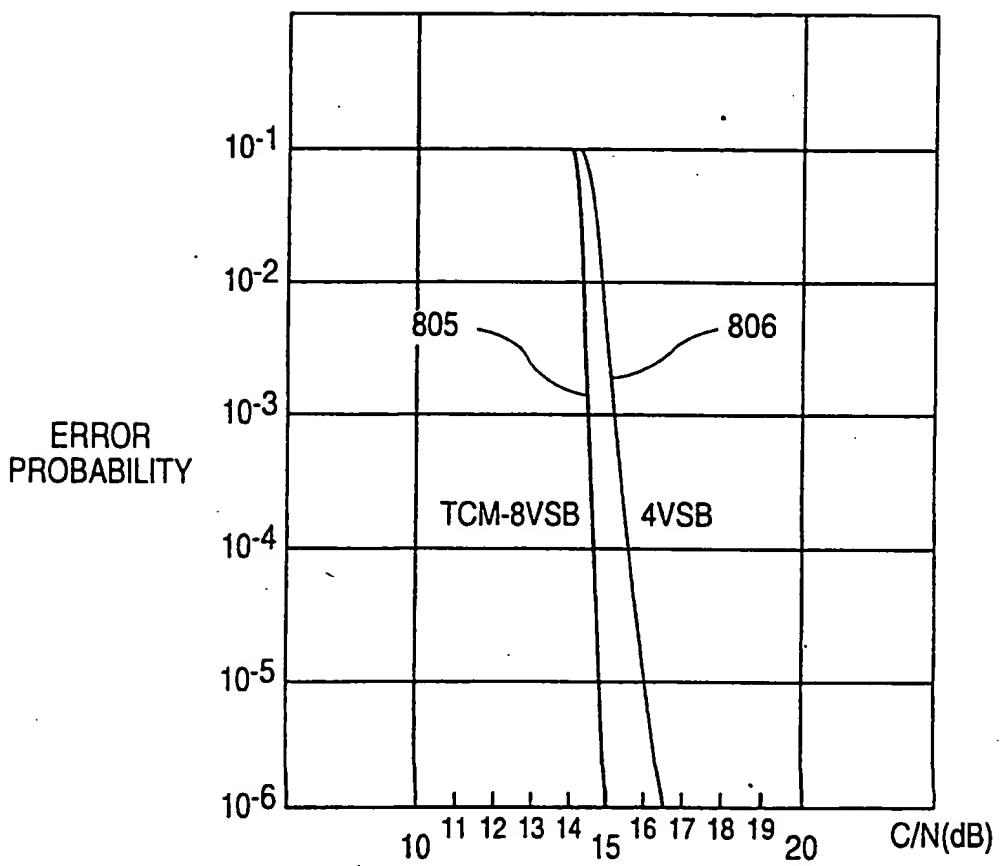
FIG. 163

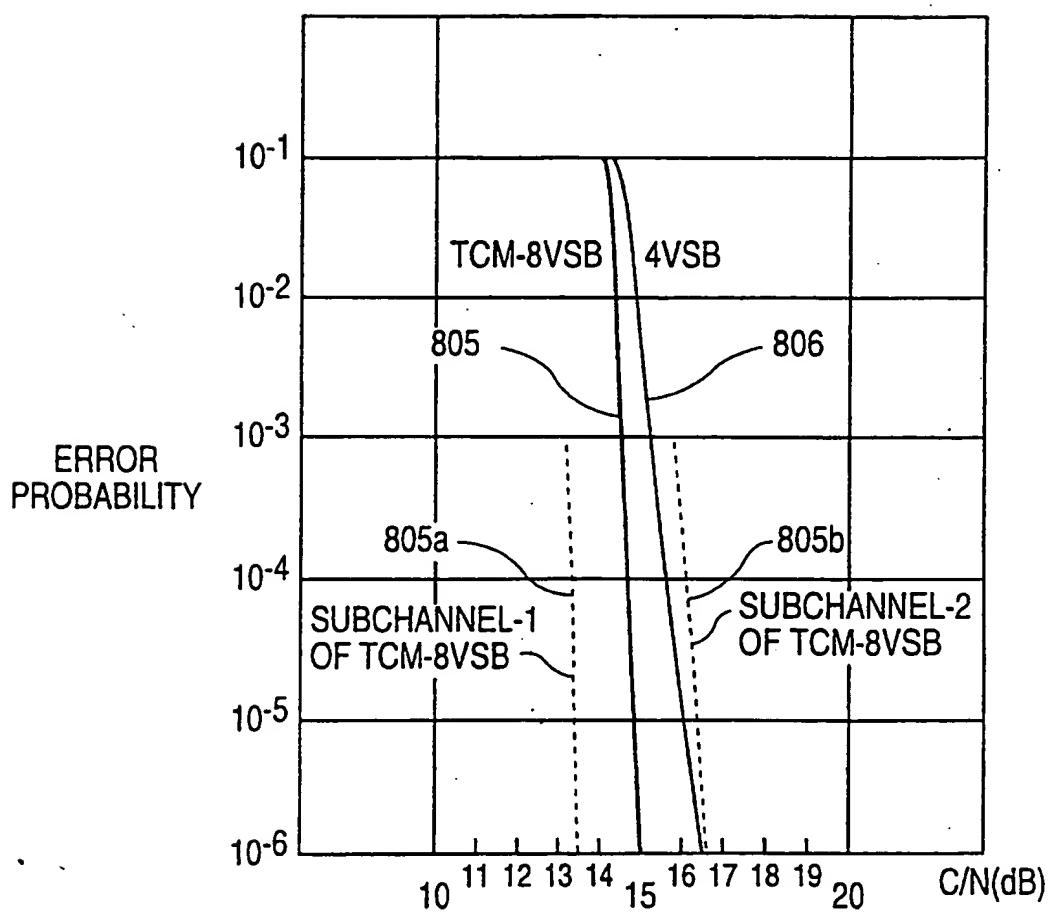
FIG. 164

FIG. 165(a)

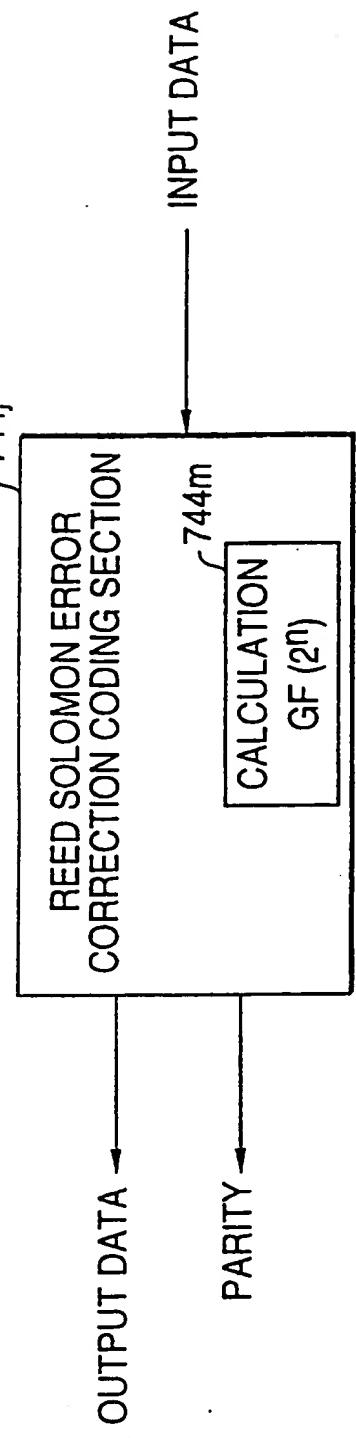


FIG. 165(b)

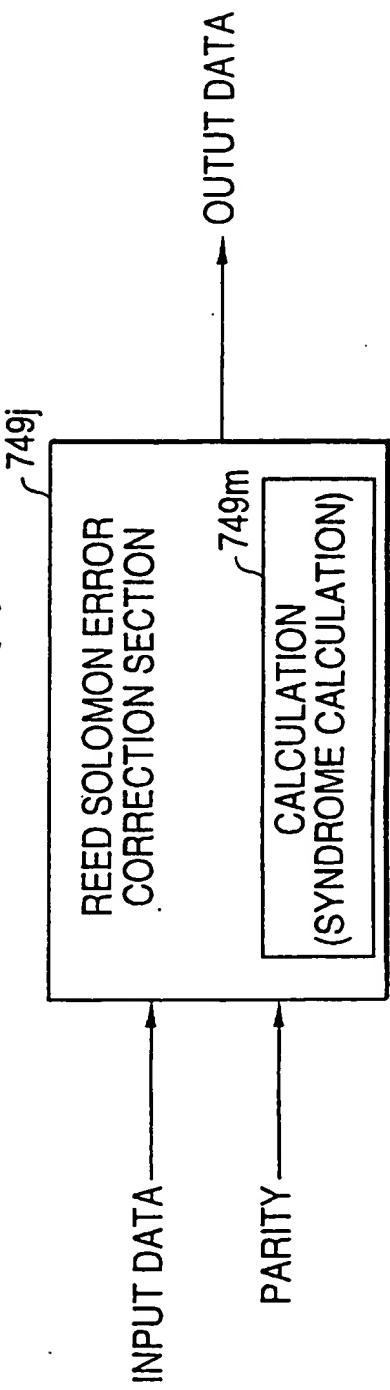


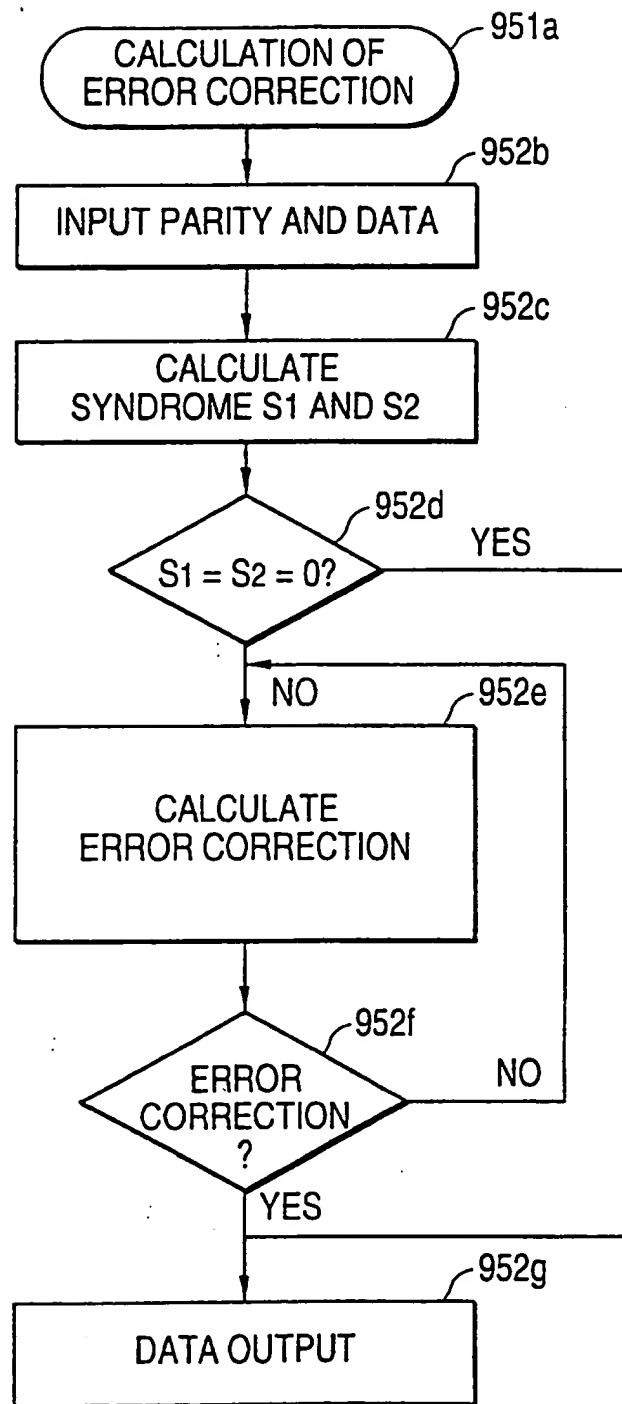
FIG. 166

FIG. 167

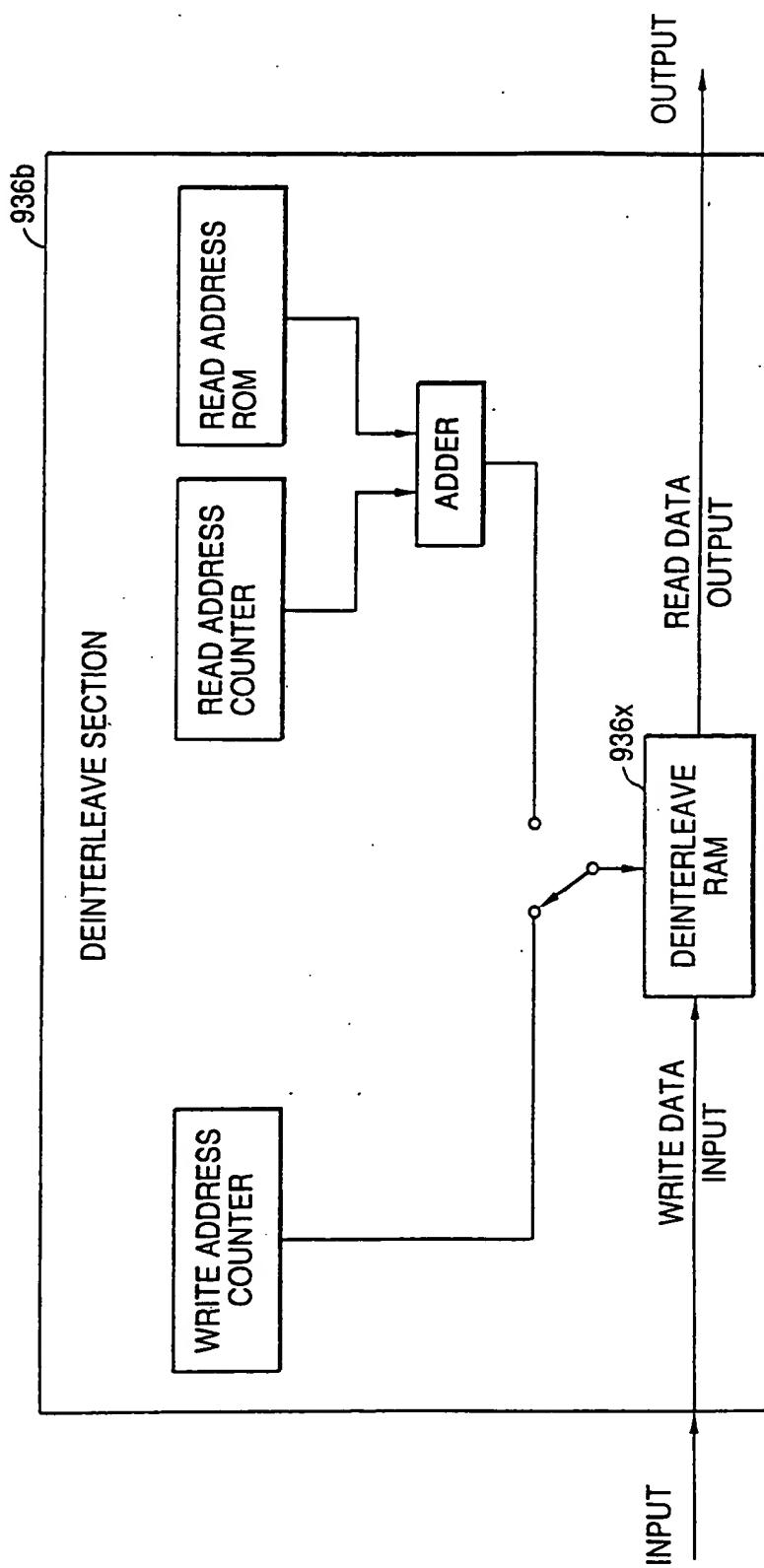


FIG. 168(a)

INTERLEAVE TABLE

	1	2	3	4	5	6	7
1	A1	A2	A3	A4	A5	A6	PARTY
2	B1	B2	B3	B4			
3	C1						
4	D1						
5	E1						
6	F1						
C1	PARTY						
951b	954	951a					
953							

FIG. 168(b)

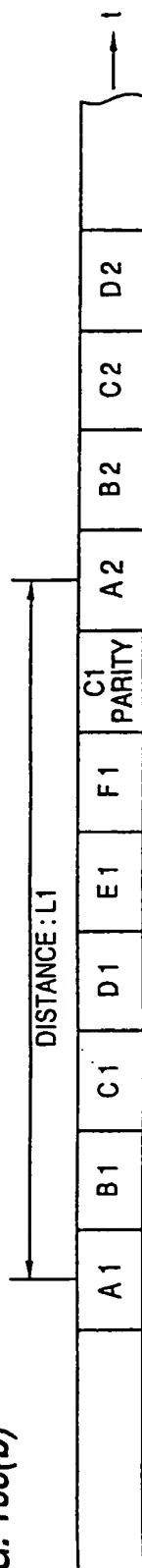


FIG. 169
COMPARISON OF REDUNDANCY

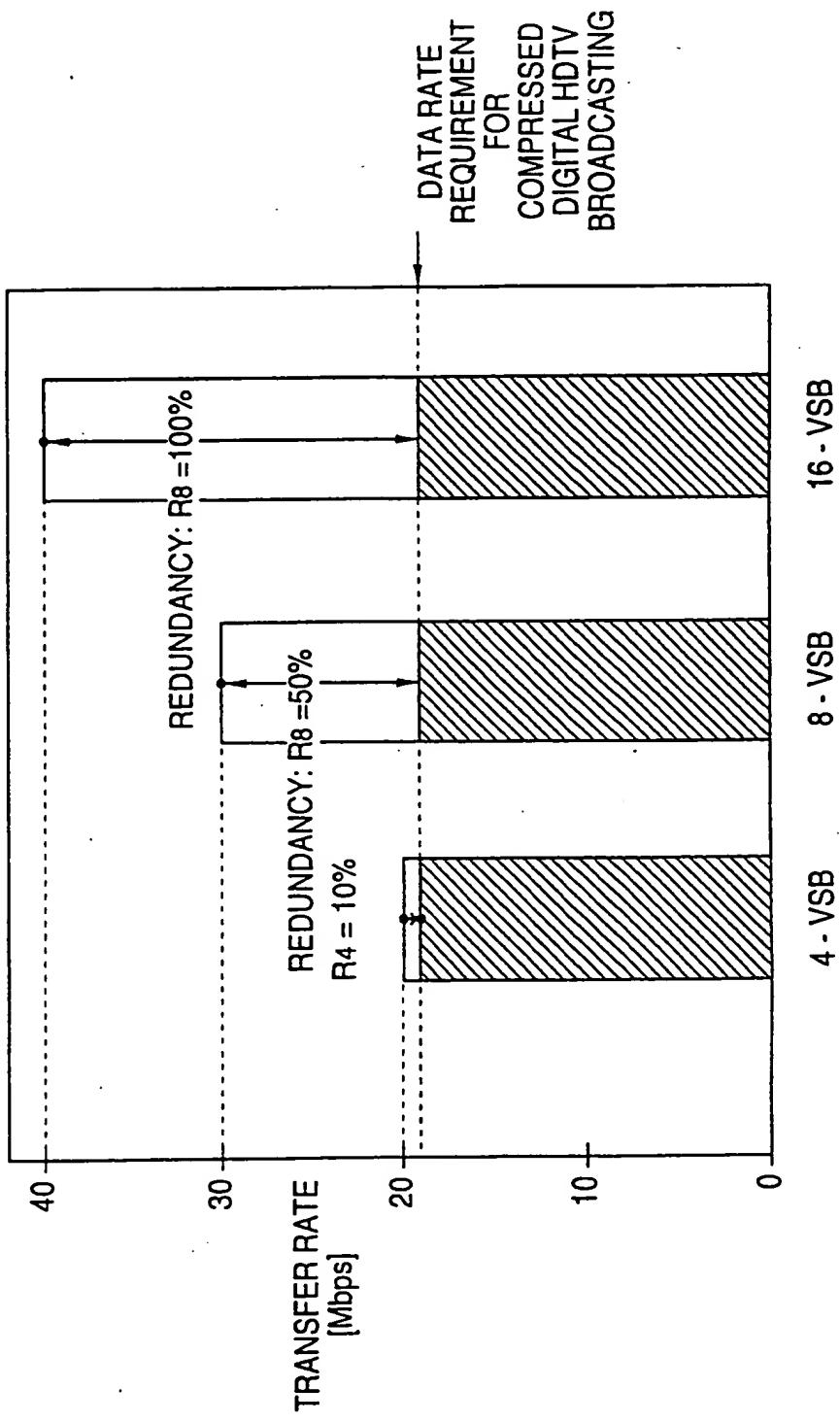


FIG. 170

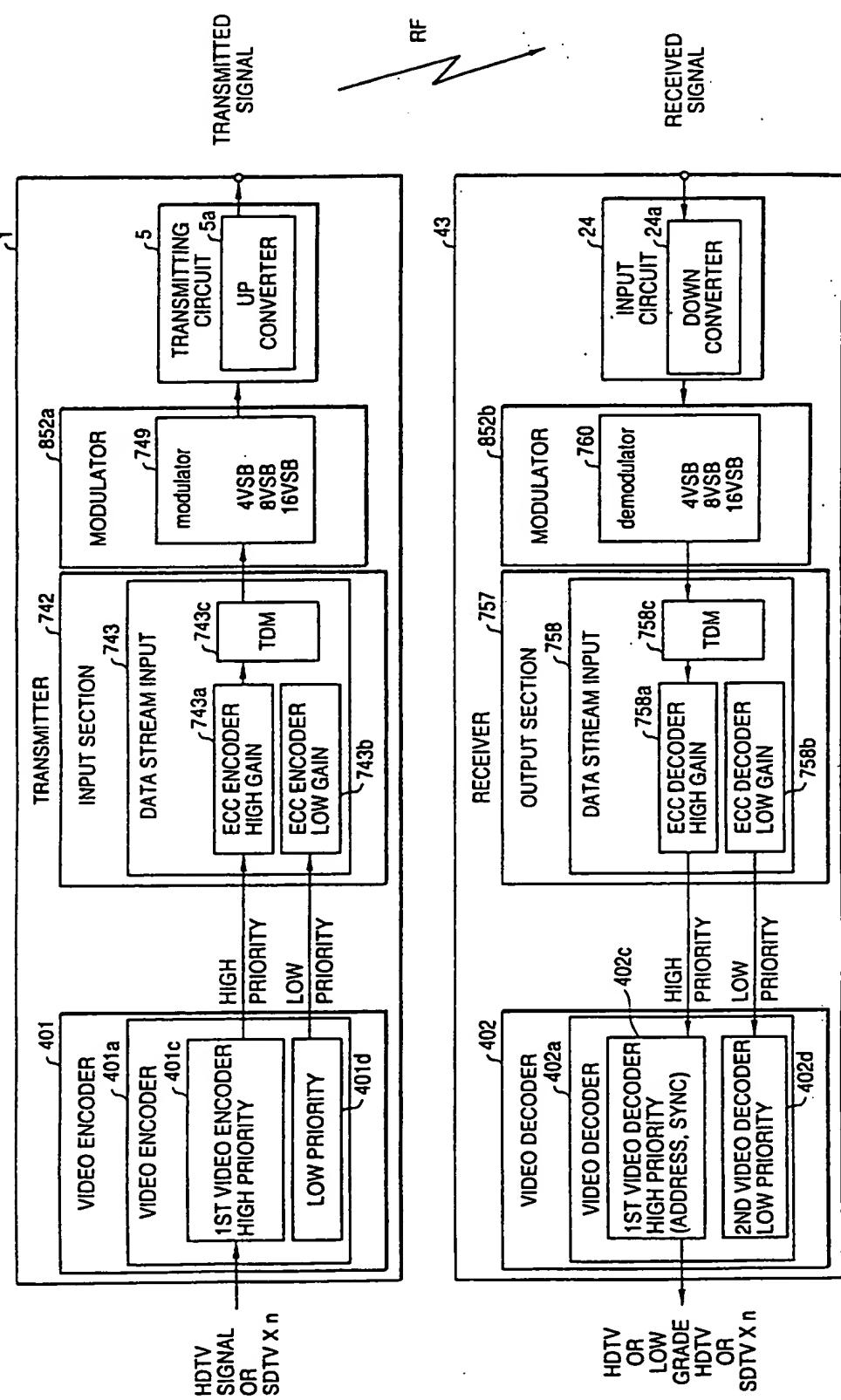


FIG. 171

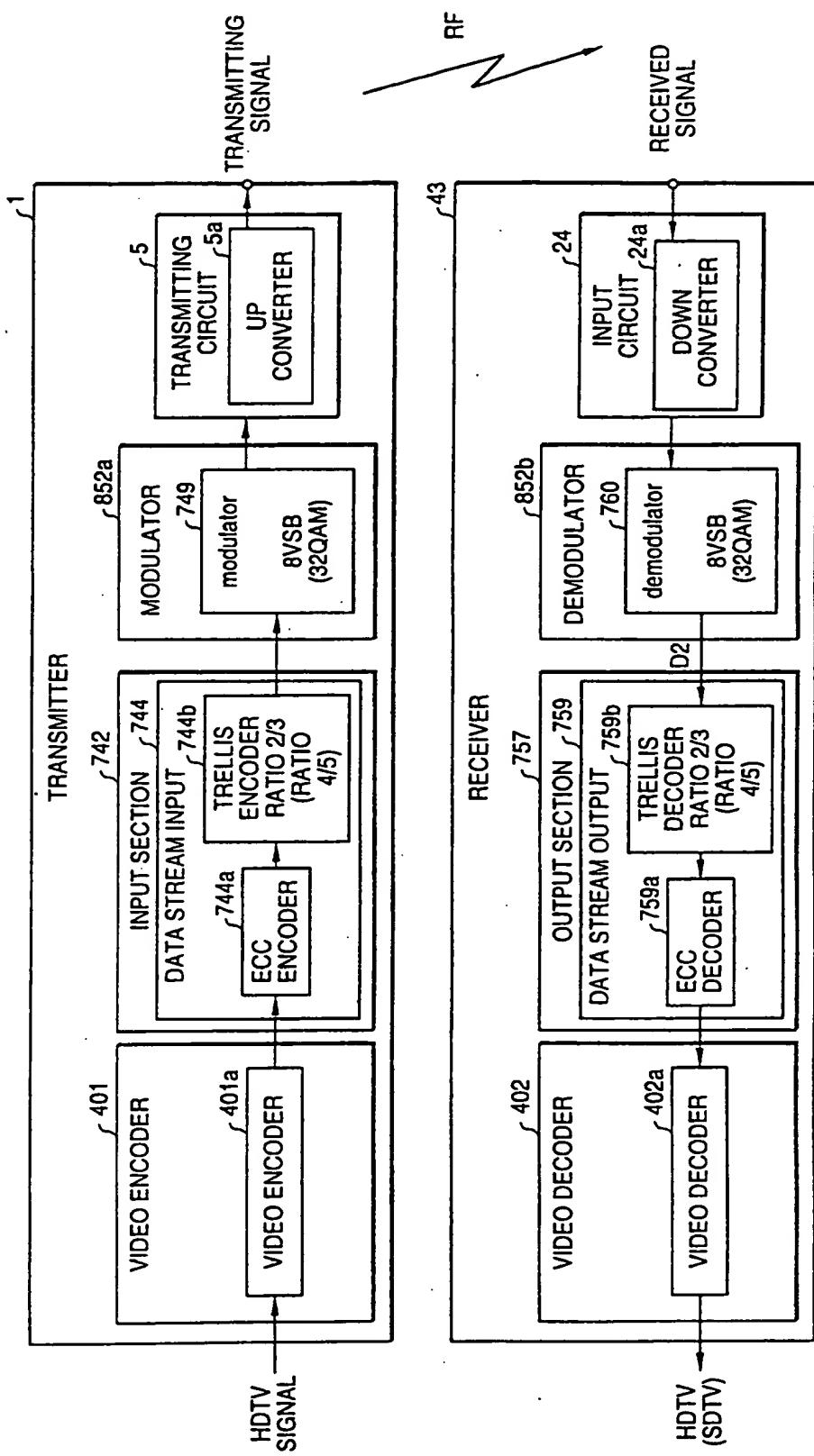
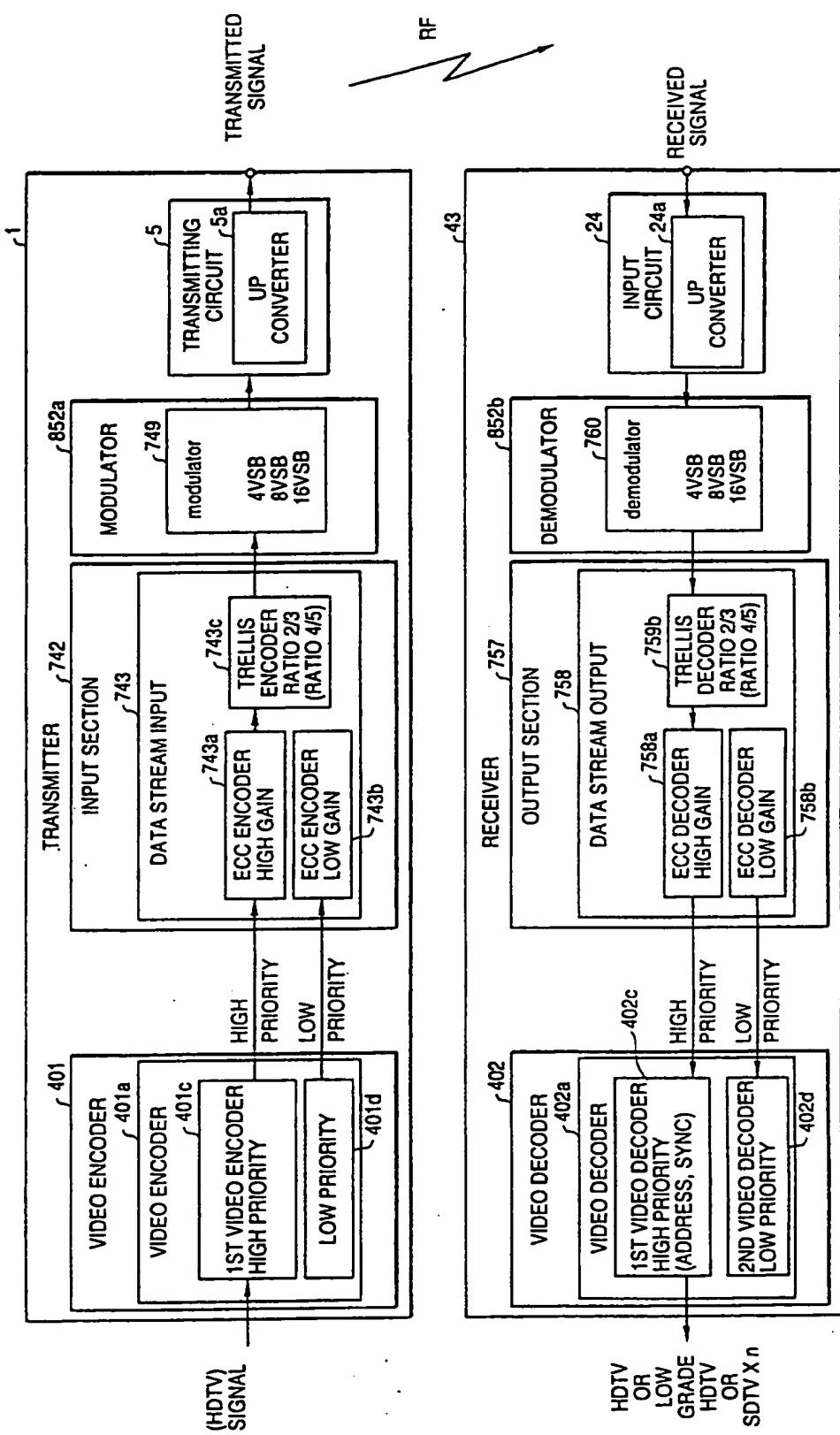


FIG. 172



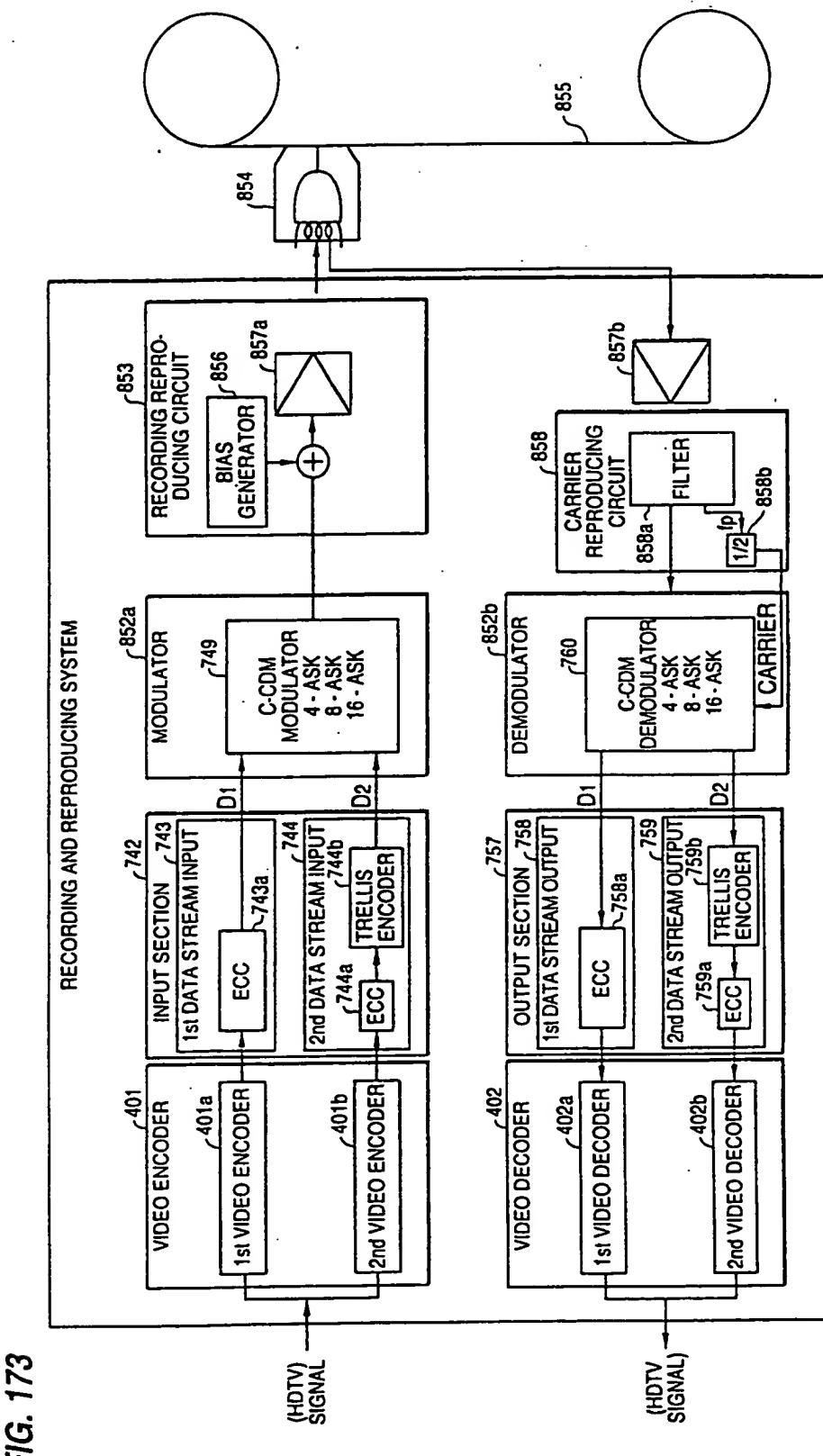


FIG. 173

FIG. 174

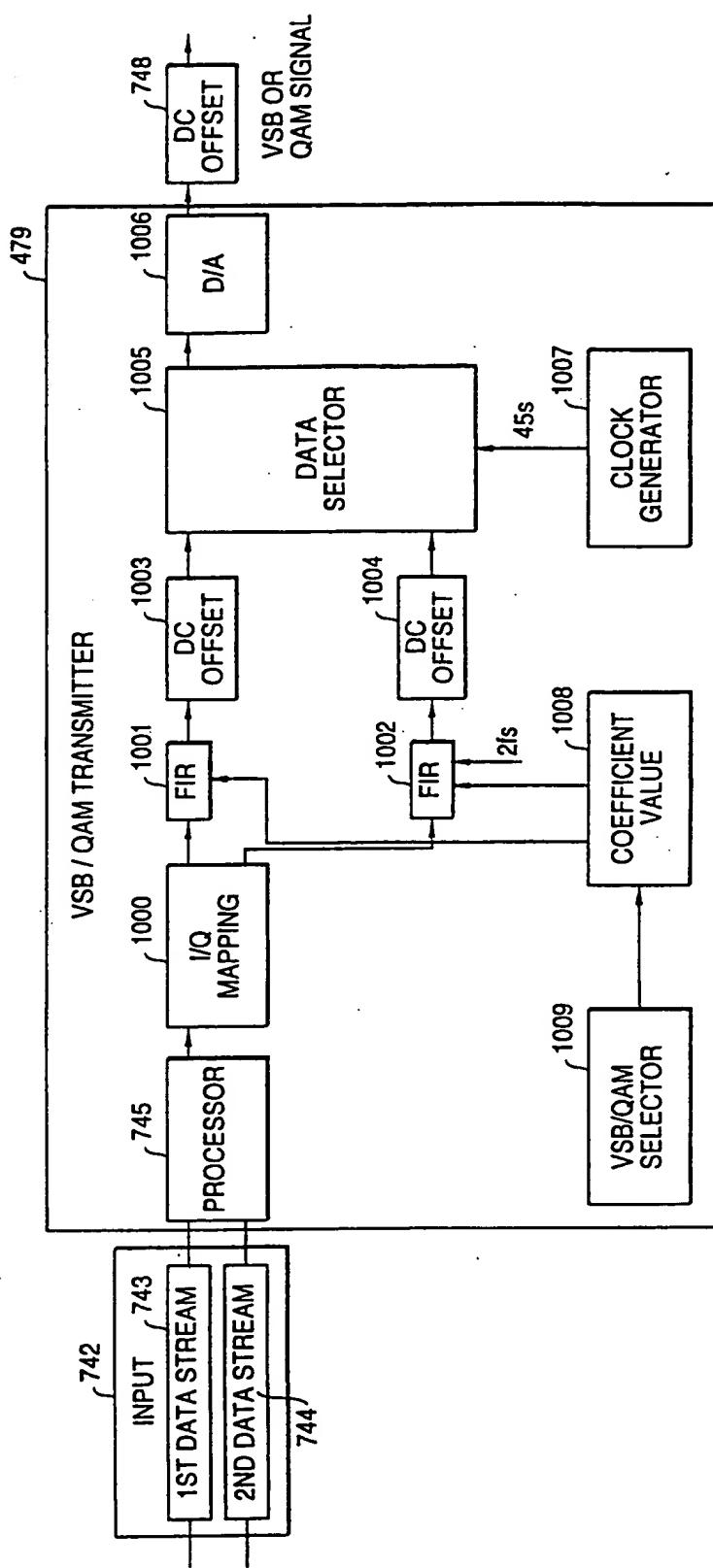


FIG. 175

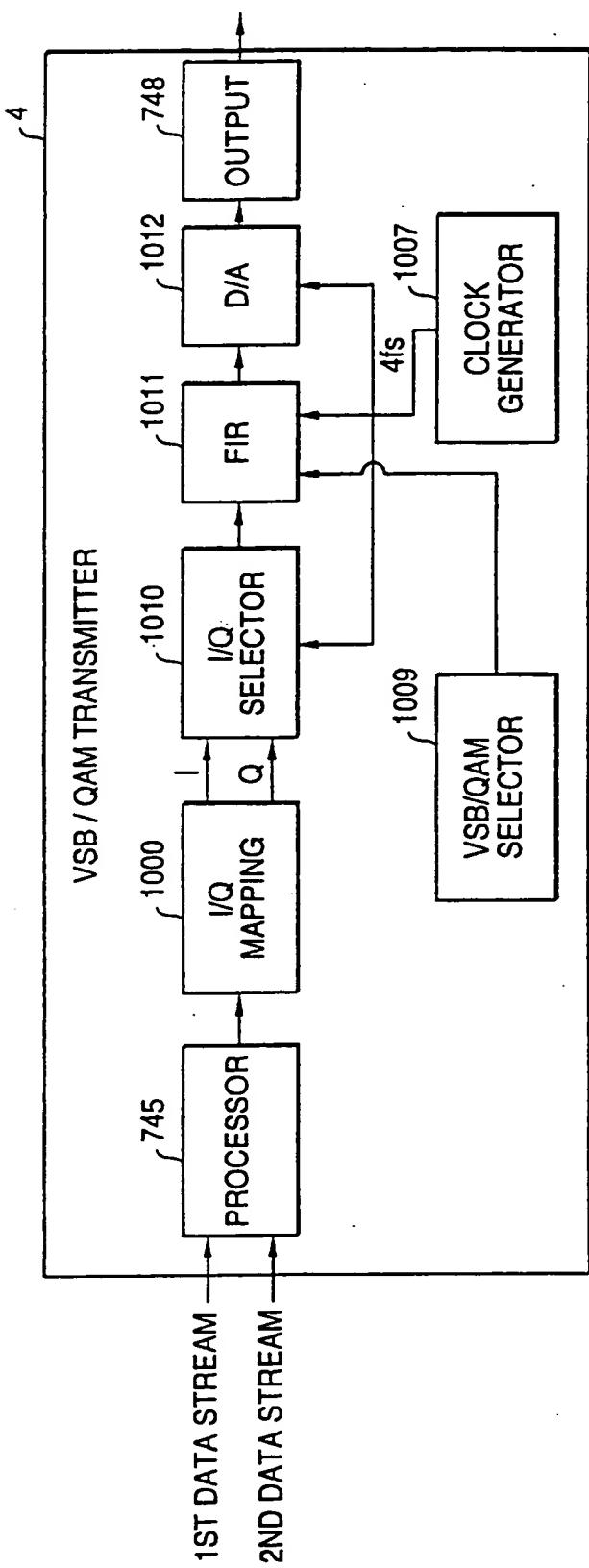


FIG. 176

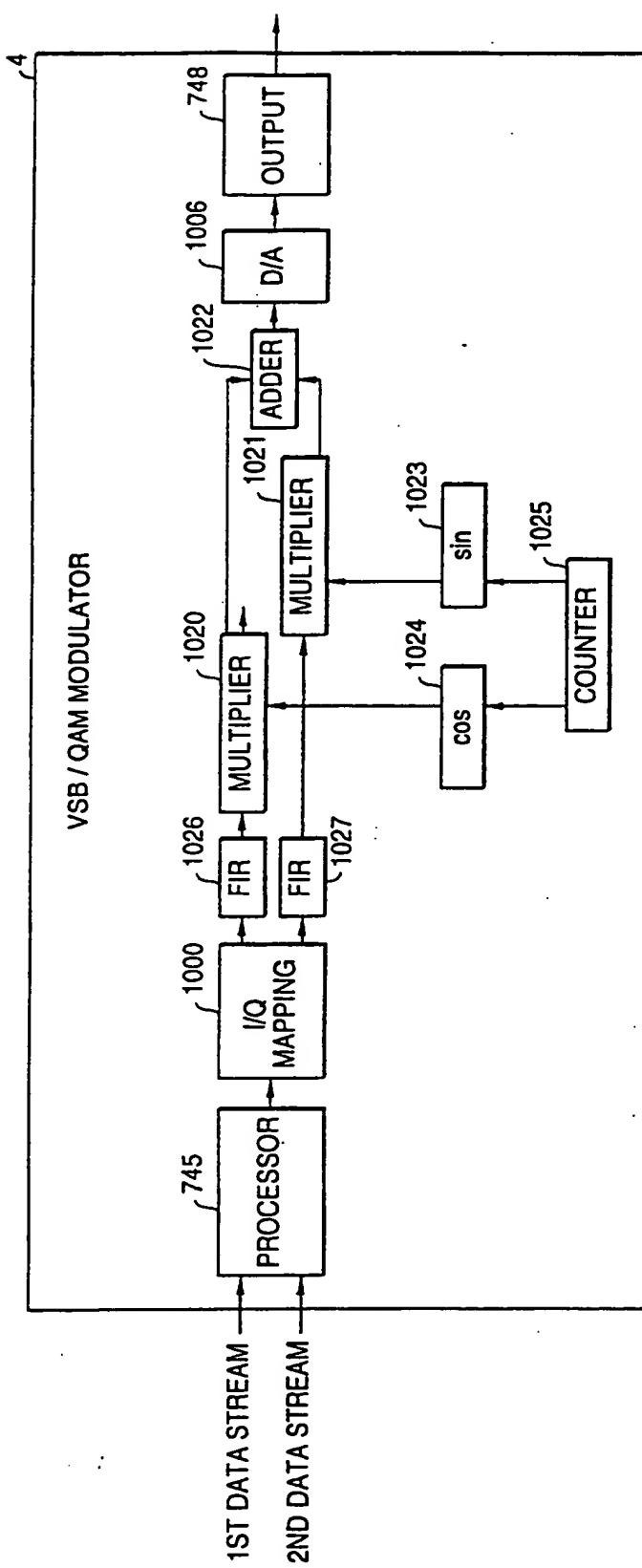


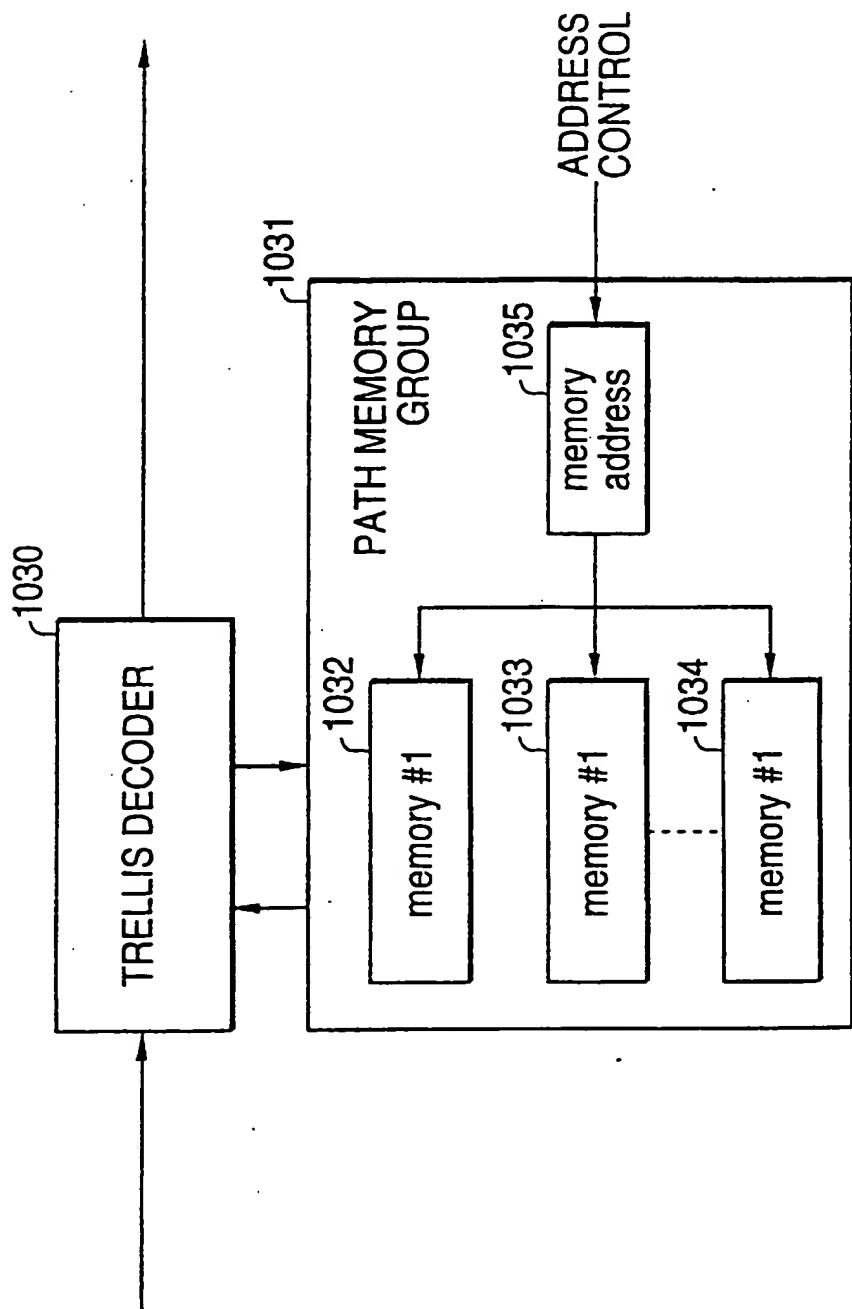
FIG. 177

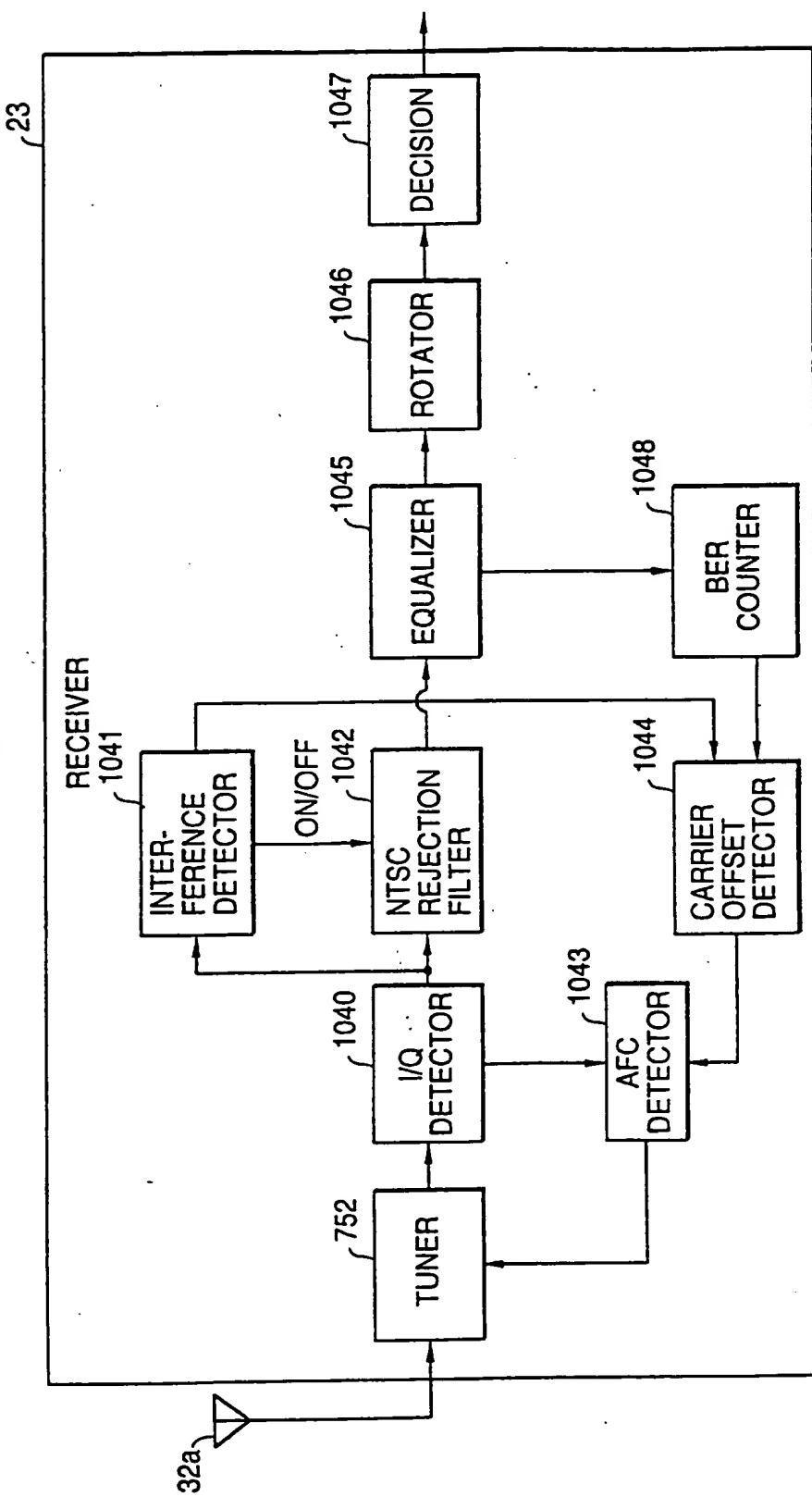
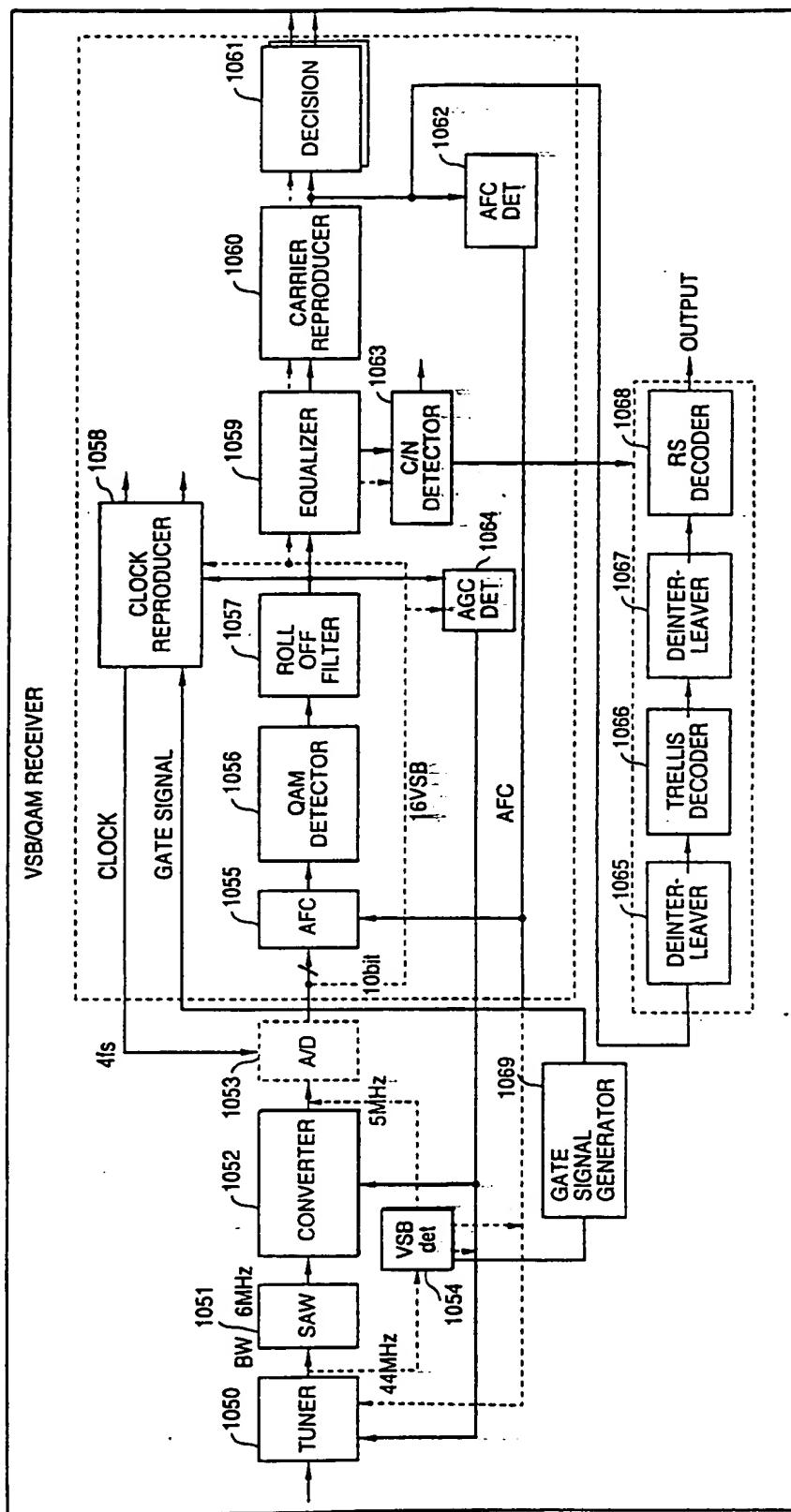
FIG. 178

FIG. 179



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